

| affyID      | GBA    | gene symbol | gene Name  | feco   | heco   | teco   | fpr8  | hpr8  | tpr8  | ican  | mcan  | tcn   |
|-------------|--------|-------------|--|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| V00594_at   | V00594 | mt2a        | Metallothionein isoform 2  | 1683.1 | 1698.4 | 143.4  | 371.1 | 414.5 | 107.8 | 3.3   | 261   | 74.2  |
| X64177_f.at | X64177 | mt1h        | Metallothionein  | 761.9  | 728.2  | 93.6   | 73.7  | 66.9  | 27.4  | 10.4  | 27.4  | 14.9  |
| M21121_at   | M21121 | rantes      | SCYA5 Small inducible cytokine A5 (RANTES)   | 728.7  | 661.7  | 83.4   | 717   | 396.6 | 115.3 | 113.6 | 87.4  | 43.7  |
| X04500_at   | X04500 | il1b        | IL1B Interleukin 1, beta   | 199.3  | 598.3  | 184.4  | 9.1   | 12.6  | 20.2  | 24    | 11.1  | 48.7  |
| M13755_at   | M13755 | isg15       | G1P2 Interferon, alpha-inducible protein (clone IFI-15K)                                     | 214.1  | 545.6  | 57.4   | 253   | 662   | 100.2 | 302.7 | 208.8 | 34.3  |
| J03910_at   | J03910 | mt1g        | (clone 14VS) metallothionein-IG (MT1G) gene  | 605.9  | 500.2  | 138.9  | 1.1   | 1.9   | 0     | 0     | 2.7   | 0.3   |
| X04602_s.at | X04602 | il6         | IL6 Interleukin 6 (B cell stimulatory factor 2)  | 408.5  | 379.2  | 1267.5 | 70.5  | 76.5  | 269.4 | 14.6  | 43    | 111   |
| U33017_at   | U33017 | slam        | Signaling lymphocytic activation molecule (SLAM) mRNA  | 320.7  | 343.9  | 685.7  | 4.8   | 25.8  | 3     | 2.7   | 24.4  | 84.5  |
| V00594_s.at | V00594 | mt2a        | Metallothionein isoform 2  | 167.1  | 337.3  | 15     | 64.9  | 122.8 | 34.8  | 69.4  | 52.2  | 9.4   |
| M65290_at   | M65290 | il12b/p40   | IL12B Natural killer cell stimulatory factor (IL12B)   | 71.2   | 261.5  | 825.7  | 0     | 2.3   | 4.7   | 32.8  | 76    | 412.7 |
| Y00787_s.at | Y00787 | il8         | INTERLEUKIN-8 PRECURSOR  | 89.1   | 234.5  | 40.9   | 9.8   | 13.1  | 8.4   | 8.2   | 10.8  | 10.5  |
| X57579_s.at | X57579 | activinba   | Activin beta-A subunit (exon 2)  | 166.9  | 233.7  | 47.2   | 22.8  | 16.8  | 9.4   | 14.1  | 19.3  | 24.6  |
| X02910_at   | X02910 | tnfa        | TNF Tumor necrosis factor  | 144.1  | 225.5  | 115.7  | 73.8  | 58.6  | 48.5  | 27.2  | 81.1  | 43.2  |
| L11329_at   | L11329 | dup2        | DUAL SPECIFICITY PROTEIN PHOSPHATASE PAC-1   | 52.1   | 177.6  | 16.1   | 16.2  | 14.7  | 2.4   | 7.9   | 1.4   | 2.9   |
| M33882_at   | M33882 | mx1         | MX1 Myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78) | 61.1   | 166.8  | 84.7   | 90.3  | 152.2 | 89.8  | 34    | 397.3 | 102   |
| M31165_at   | M31165 | tnfaip6     | TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR                                      | 172.2  | 163.5  | 624.1  | 60.6  | 100.2 | 101.8 | 7.1   | 5.6   | 58.6  |
| M59465_at   | M59465 | a20         | TNFAIP1 Tumor necrosis factor alpha inducible protein A20                                    | 87     | 158.7  | 41.1   | 65.3  | 73.5  | 22.9  | 7.6   | 5.9   | 9.6   |
| L19779_at   | L19779 | h2a         | Histone H2A.2 mRNA   | 53.2   | 154    | 83.4   | 40.2  | 122.8 | 65.8  | 7.9   | 10.8  | 33.4  |

Figure 1A

|             |        |        |  |       |       |        |       |       |       |      |       |       |
|-------------|--------|--------|--|-------|-------|--------|-------|-------|-------|------|-------|-------|
| X65965_s_at | X65965 | sod2   | SOD-2 gene for manganese superoxide dismutase              | 233.7 | 149.2 | 204    | 143.7 | 86.3  | 86.3  | 10.6 | 35.9  | 109.3 |
| X67325_at   | X67325 | ifi27  | INTERFERON-ALPHA INDUCED 11.5 KD PROTEIN                   | 136.8 | 143.4 | 618.8  | 265.8 | 192.2 | 498.1 | 50   | 212.1 | 604.2 |
| X54489_rna1 | X54489 | gro1   | Melanoma growth stimulatory activity (MGSA)                | 49.6  | 130.6 | 644.5  | 0.9   | 3.2   | 7.5   | 4.6  | 14.6  | 22.8  |
| U53830_at   | U53830 | irf7   | Interferon regulatory factor 7 (humirf7) mRNA              | 42.6  | 130   | 46     | 38.8  | 72.5  | 49.2  | 51.4 | 43.1  | 47.5  |
| X54925_at   | X54925 | mmp1   | MMP1 Matrix metalloproteinase 1 (interstitial collagenase) | 74.3  | 127.2 | 147.8  | 0.5   | 0     | 0.4   | 0.4  | 0.4   | 0.7   |
| M23178_s_at | M23178 | mip1a  | MACROPHAGE INFLAMMATORY PROTEIN 1-ALPHA PRECURSOR          | 73.8  | 125   | 11.4   | 52.8  | 73.8  | 8.5   | 7.4  | 9.6   | 6.3   |
| U04636_rna1 | U04636 | cox2   | Cyclooxygenase-2 (hCox-2) gene                             | 110   | 120.8 | 608.6  | 15.3  | 13.8  | 87.4  | 5    | 4.7   | 54.9  |
| M57731_s_at | M57731 | gro2   | GRO2 GRO2 oncogene   | 39.1  | 114.4 | 703.3  | 2     | 4.8   | 32.2  | 13.8 | 11.7  | 53.6  |
| M28130_rna1 | M28130 | il8    | Interleukin 8 (IL8) gene                                   | 109.8 | 107.8 | 333.5  | 6.2   | 8.3   | 33.6  | 2.6  | 1.9   | 9.2   |
| M26311_s_at | M26311 | cagb   | Cystic fibrosis antigen mRNA                               | 45.8  | 106.5 | 303.7  | 0.9   | 4     | 0.2   | 2.3  | 0     | 0.6   |
| X07834_at   | X07834 | sod2   | SOD2 Superoxide dismutase 2, mitochondrial                 | 57.7  | 104.1 | 240.9  | 34.7  | 92.1  | 91.6  | 9.9  | 17    | 116.5 |
| U29680_at   | U29680 | bcl2a1 | Bcl-2 related (Bfl-1) mRNA                                 | 105.3 | 97.9  | 678.7  | 40.7  | 35.7  | 117.5 | 4    | 8.3   | 179.1 |
| M10942_at   | M10942 | mtle   | Metallothionein-1e gene (hMT-1e)                           | 50.2  | 90.3  | 63.6   | 1.4   | 6     | 1.8   | 0.8  | 0.6   | 0.2   |
| M31166_at   | M31166 | ptx3   | PTX3 Pentaxin-related gene, rapidly induced by IL-1 beta   | 82.7  | 88.9  | 807.3  | 21    | 27.2  | 122.2 | 5.2  | 2.5   | 20.9  |
| L31584_at   | L31584 | ccr7   | CCR7 Chemokine (C-C) receptor 7                            | 58.1  | 87.3  | 98.2   | 23.3  | 69.6  | 83.5  | 26.5 | 11    | 56.3  |
| L23808_at   | L23808 | mmp12  | MMP12 Matrix metalloproteinase 12 (macrophage elastase)    | 14.6  | 84.9  | 3.1    | 1.2   | 2.8   | 0.7   | 4.9  | 5.6   | 2.7   |
| X57351_s_at | X57351 | ifitm2 | RPS3 Ribosomal protein S3 / wrong name                     | 13    | 84.2  | 13.1   | 15.3  | 81.7  | 30.3  | 55.9 | 20.8  | 7.5   |
| U15932_at   | U15932 | duosp5 | Protein tyrosine phosphatase mRNA                          | 57    | 76.5  | 44.5   | 9.8   | 11.1  | 8.8   | 2.4  | 4.4   | 13.4  |
| M30818_at   | M30818 | mx2    | MX2 Myxovirus (influenza) resistance 2, homolog of murine  | 21    | 74.4  | 42.6   | 40.9  | 82.3  | 50.4  | 19.8 | 39.4  | 43.2  |
| Y00081_s_at | Y00081 | il6    | IL6 Interleukin 6 (B cell stimulatory factor 2)            | 144.3 | 71.8  | 1281.1 | 39.5  | 22.4  | 95.7  | 0.5  | 15.8  | 39.3  |

Figure 1B



|             |        |         |  |       |      |       |       |      |       |      |       |       |
|-------------|--------|---------|--|-------|------|-------|-------|------|-------|------|-------|-------|
| M24594_at   | M24594 | g10p1   | IFI56 Interferon-induced protein 56  | 19.8  | 71.6 | 77.5  | 90.8  | 266  | 141.1 | 18.6 | 248.6 | 89.6  |
| D84276_at   | D84276 | cd38    | CD38 CD38 antigen (p45)  | 32.4  | 70.8 | 168.3 | 6.1   | 6.6  | 20.8  | 0.2  | 34.9  | 132   |
| U22970_rna1 | U22970 | g1p3    | 6-16 gene (interferon-inducible peptide precursor) extracted from Human interferon-inducible peptide (6-16) gene | 115.3 | 68.2 | 5.8   | 70.6  | 97.1 | 13.7  | 13.1 | 15.6  | 5.5   |
| X59892_at   | X59892 | wars    | TRYPTOPHAN-TRNA SYNTHETASE   | 40.2  | 66.9 | 32.5  | 56.1  | 59.5 | 25.2  | 12.8 | 18    | 20.2  |
| L15702_at   | L15702 | bf      | BF B-factor, properdin   | 46.3  | 64.4 | 85.6  | 3.3   | 7.9  | 7.8   | 5.4  | 6.5   | 33.8  |
| U72882_s_at | U72882 | ifi35   | Interferon-induced leucine zipper protein (IFP35) mRNA, partial cds  | 23.2  | 58.9 | 39.5  | 22    | 26.7 | 21.2  | 20.3 | 29.3  | 52.5  |
| J04164_at   | J04164 | ifi17   | RPS3 Ribosomal protein S3 (wrong name)   | 25.8  | 57.2 | 37.7  | 34.5  | 45.6 | 79.3  | 11.5 | 60.3  | 35.1  |
| U31628_at   | U31628 | il15ra  | IL15RA Interleukin 15 receptor alpha chain   | 13    | 55.5 | 212.3 | 3.2   | 8.2  | 44.4  | 1.1  | 8.4   | 83.6  |
| K01396_at   | K01396 | aat     | PI Protease inhibitor 1 (anti-elastase), alpha-1-antitrypsin   | 47.3  | 55.4 | 72.2  | 4.7   | 5.7  | 2.9   | 0.9  | 4.7   | 3     |
| X53800_s_at | X53800 | gro3    | GRO3 GRO3 oncogene   | 10.9  | 51.8 | 49.2  | 2     | 5.2  | 5.4   | 1.7  | 0.6   | 3     |
| X99886_s_at | X99886 | mcp2    | MCP-2 gene   | 51.9  | 51   | 26.3  | 42.9  | 82.6 | 47.9  | 4.8  | 23.8  | 79.5  |
| U37546_s_at | U37546 | ciap2   | IAP homolog C (MHC) mRNA   | 54.1  | 48.6 | 62.2  | 5.3   | 3.7  | 31.5  | 22.7 | 34    | 55.9  |
| M69203_s_at | M69203 | mip1b   | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip-1b)   | 164.9 | 44.6 | 19.3  | 372.7 | 82   | 10.5  | 4.6  | 30.1  | 11.6  |
| U88964_at   | U88964 | hem45   | HEM45 mRNA   | 34.6  | 43.7 | 191   | 27.2  | 15.5 | 73.3  | 8.8  | 43.4  | 116.1 |
| M60974_s_at | M60974 | gadd45  | DDIT1 DNA-damage-inducible transcript 1  | 30.7  | 43.6 | 78.3  | 0.4   | 4.4  | 5.1   | 1.4  | 1     | 6.7   |
| X57522_at   | X57522 | tap1    | TAP1 Transporter 1, ABC (ATP binding cassette)   | 34.3  | 42.3 | 48.3  | 76.1  | 53.3 | 47.7  | 11.6 | 31.7  | 41.3  |
| J04130_s_at | J04130 | mip1b   | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip-1b)   | 81.9  | 42.2 | 5.7   | 70.3  | 51.6 | 6.5   | 9.9  | 4.6   | 2.9   |
| M92357_at   | M92357 | tifaip2 | B94 PROTEIN  | 29.6  | 39.7 | 104.2 | 20.5  | 31.8 | 34    | 3    | 13.9  | 28.7  |
| HG3415      | HG3415 | cd155   | Poliovirus Receptor  | 43.5  | 39.6 | 38.5  | 1.7   | 0    | 0     | 4.2  | 6.6   | 4.5   |
| HT3598_at   | HT3598 | txn     | TXN Thioredoxin  | 22.4  | 39.5 | 5.2   | 16.8  | 18.4 | 7.9   | 3.8  | 8     | 2.5   |
| X77584_at   | X77584 | minor   | Mitogen induced nuclear orphan receptor (MINOR) mRNA   | 49.2  | 39.4 | 17.1  | 37.8  | 19.7 | 13.7  | 24.6 | 17.3  | 15.7  |
| U12767_at   | U12767 | ifit4   | RIG-G mRNA   | 25.1  | 39.3 | 96.2  | 92.1  | 84.6 | 98    | 13.2 | 39.1  | 94.7  |
| U52513_at   | U52513 |         |  |       |      |       |       |      |       |      |       |       |

Figure 1C

|                        |                   |         |   |       |      |       |       |       |       |      |       |       |
|------------------------|-------------------|---------|---|-------|------|-------|-------|-------|-------|------|-------|-------|
| L20971_at              | L20971            | dpde4   | PDE4B Phosphodiesterase 4B, cAMP specific (dunce (Drosophila)-homolog phosphodiesterase E4) | 23.9  | 38.2 | 124.8 | 12.1  | 19.8  | 43.2  | 0.5  | 1.5   | 20.1  |
| M72885_s_at            | M72885            | GOS2    | GOS2 gene extracted from Human GOS2 gene, 5' flank and cds                                  | 126.1 | 38   | 44.9  | 10.8  | 6.2   | 5.3   | 10.4 | 11.3  | 18.7  |
| X60673_at              | X60673            | ak3     | AK3 mRNA for adenylate kinase 3   | 15    | 38   | 35.3  | 4.5   | 7.4   | 0.3   | 3.6  | 10.5  | 9     |
| X76717_at              | X76717            | mtl1    | MT1L Metallothionein 1L   | 5.7   | 37.4 | 8.9   | 0     | 3     | 2.1   | 1.1  | 0.2   | 0     |
| L40379_at              | L40379            | trip10  | Thyroid receptor interactor (TRIP10) mRNA, 3' end of cds                                    | 34.8  | 37.1 | 33    | 5.3   | 5.5   | 7.6   | 22.2 | 8.9   | 13.5  |
| M29696_at              | M29696            | il7r    | IL7R Interleukin 7 receptor   | 61.7  | 36.8 | 55.8  | 27.5  | 13.7  | 15    | 9    | 11.5  | 23.2  |
| HG4490-<br>HT4876_f.at | HG4490-<br>HT4876 | prb4    | Proline-Rich Protein Prb4, Allele   | 1.9   | 35.2 | 8.6   | 0.8   | 20.7  | 5.1   | 1.8  | 0.9   | 1.6   |
| D38128_at              | D38128            | ptgir   | PTGIR Prostaglandin I2 (prostaglandin) receptor (IP)  | 29.8  | 34.8 | 71.9  | 7.9   | 2.2   | 16.2  | 11   | 2.1   | 65.6  |
| U37518_at              | U37518            | trail   | TNF-related apoptosis inducing ligand TRAIL mRNA  | 14.7  | 34.2 | 134.3 | 171.9 | 230.1 | 590.2 | 5.7  | 109.1 | 318.2 |
| M13690_s_at            | M13690            | clnh    | C1NH Complement component 1 inhibitor (angioedema, hereditary)                              | 16.9  | 34.1 | 209.8 | 13.8  | 12.6  | 86.2  | 6.6  | 30.1  | 358.9 |
| U57721_at              | U57721            | kynu    | L-kynurenine hydrolase mRNA   | 25.2  | 32.5 | 20.4  | 5.9   | 6.7   | 1     | 3.5  | 11.7  | 9.9   |
| AF000234_at            | AF000234          | p2x4    | P2x purinoceptor mRNA   | 2.5   | 32.4 | 8.5   | 1.9   | 2     | 1     | 5.6  | 4.5   | 10.4  |
| M24283_at              | M24283            | icam1   | ICAM1 Inter cellular adhesion molecule 1 (CD54), human rhinovirus receptor                  | 70.6  | 32.4 | 20.7  | 28    | 11.1  | 3.4   | 9.5  | 6     | 9.3   |
| S76638_at              | S76638            | nfkbp52 | NFKB2 Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 (p49/p100)       | 23.7  | 32.2 | 27    | 14    | 24.1  | 5.6   | 1.1  | 2.8   | 15    |
| D45906_at              | D45906            | limk2   | LIMK-2  | 3.9   | 31.6 | 25.9  | 0.8   | 3.6   | 7.6   | 1.9  | 1.1   | 10.9  |
| U72661_at              | U72661            | ninj1   | Ninjurin1 mRNA  | 43.8  | 31.1 | 48.8  | 22    | 17    | 7.4   | 2.6  | 9.6   | 30.3  |
| M33195_at              | M33195            | fcer1g  | Fc-epsilon-receptor gamma-chain mRNA  | 13.2  | 30.9 | 3.5   | 4.3   | 26.5  | 0.7   | 1.2  | 0     | 1.3   |
| M58603_at              | M58603            | nfkbp50 | NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)           | 26.1  | 30.4 | 29.9  | 15.1  | 30.1  | 10.7  | 0.6  | 5.7   | 10.4  |

Figure 1D

| HG1612.<br>HT1612_at_ | HG1612.<br>HT1612 | macmarcks | Macmarcks   | 19.2  | 30   | 44.7  | 11.5  | 30.2  | 16.9  | 3.4  | 11.8 | 15.6  |
|-----------------------|-------------------|-----------|---|-------|------|-------|-------|-------|-------|------|------|-------|
| X02875_s_at_          | X02875            | oas1      | OAS (2'5') oligoadenylate synthetase  | 16.7  | 30   | 48.7  | 41.5  | 58.8  | 117.7 | 4.2  | 20.5 | 80.4  |
| D28915_at_            | D28915            | mtap44    | Hepatitis C-associated microtubular aggregate protein p44   | 8.5   | 29.6 | 53.6  | 10.7  | 47.1  | 44.3  | 13.3 | 15.5 | 48    |
| U48807_at_            | U48807            | dusp4     | Dual specific protein phosphatase mRNA  | 5.6   | 29.6 | 7.4   | 2.4   | 3.1   | 9.8   | 9.7  | 2.6  | 21.7  |
| U03891_at_            | U03891            | unknown   | Phorbol 1 mRNA, partial cds   | 43.8  | 28.9 | 21.9  | 189.3 | 58.3  | 23.3  | 4.4  | 9.6  | 39.3  |
| M55542_at_            | M55542            | gbp1      | GBP1 Guanylate binding protein 1, interferon-inducible, 67kD  | 38.4  | 28.4 | 99.4  | 34.6  | 50    | 68    | 1.5  | 26.4 | 75.9  |
| U50648_s_at_          | U50648            | pkp       | Interferon-inducible RNA-dependent protein kinase (Pkr) gene  | 19.8  | 28.4 | 22.3  | 17.8  | 9.3   | 22.1  | 40.1 | 24.8 | 19.1  |
| D30755_at_            | D30755            | NAF1      | VIM Vimentin  | 56.3  | 28.2 | 19.6  | 19.9  | 4.9   | 5.9   | 14.1 | 5.3  | 7.9   |
| U59286_at_            | U59286            | itac      | Beta-R1 mRNA, partial cds   | 34.9  | 27.6 | 237.9 | 201.6 | 207.8 | 340.8 | 3.8  | 74.4 | 389.7 |
| M34455_at_            | M34455            | ido       | IDO Indole 2,3-dioxygenase  | 273.7 | 27.5 | 219.8 | 279.5 | 89.2  | 97.8  | 1.5  | 3.4  | 106   |
| U03057_at_            | U03057            | snl       | Actin bundling protein mRNA   | 59.8  | 27.5 | 8.4   | 4.1   | 10.4  | 14.1  | 32   | 13.4 | 2.3   |
| U09937_rnal_s_at_     | U09937            | plaur     | Urokinase-type plasminogen activator receptor gene extracted from Human urokinase-type plasminogen receptor | 17    | 26.9 | 14.5  | 12.5  | 10.7  | 2.4   | 3    | 3.5  | 3.7   |
| X61123_at_            | X61123            | btg1      | BTG1 B cell translocation gene 1, anti-proliferative  | 30.4  | 26.8 | 14.4  | 8.4   | 4.6   | 4.4   | 3.6  | 7.4  | 9.7   |
| U02020_at_            | U02020            | pbe1      | Pre-B cell enhancing factor (PBEF) mRNA   | 26.9  | 26.4 | 37.4  | 6.9   | 11.9  | 14.5  | 2.9  | 1.4  | 8.5   |
| X53296_s_at_          | X53296            | il1rn     | IL1RN Interleukin 1 receptor antagonist   | 65.5  | 26.4 | 6.9   | 28.7  | 14.4  | 4.6   | 4.3  | 7.7  | 4     |
| M10943_at_            | M10943            | mtlf      | Metallothionein-If gene (hMT-If)  | 5.5   | 26.1 | 26.6  | 0     | 0     | 2.7   | 1    | 0.9  | 0     |
| S59049_at_            | S59049            | ier1      | RGS1 Regulator of G-protein signalling 1  | 4.5   | 25.9 | 15.9  | 2.2   | 5.8   | 9.1   | 6.6  | 10.8 | 34    |
| M14660_at_            | M14660            | g10p2     | ISG-54K gene (interferon stimulated gene) encoding a 54 kDa protein, exon 2                                 | 5.9   | 25   | 27.9  | 109   | 312.4 | 206   | 2    | 5    | 33.4  |
| U66711_rnal_s_at_     | U66711            | ly6e      | Ly-6-related protein (9804) gene  | 8.6   | 24.7 | 4.7   | 6.1   | 13.6  | 2.4   | 2.4  | 1.7  | 4     |
| L05072_s_at_          | L05072            | irf1      | IRF1 Interferon regulatory factor 1   | 48.2  | 24.5 | 63    | 63.7  | 38.2  | 29.4  | 3.4  | 34.5 | 50.5  |
| L15326_s_at_          | L15326            | cox2      | PTGS2 Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)                 | 39.5  | 23.7 | 92.4  | 2     | 1.2   | 6.6   | 2.1  | 0    | 2.4   |

Figure 1E

|             |        |            |   |      |      |       |      |      |      |      |      |       |
|-------------|--------|------------|---|------|------|-------|------|------|------|------|------|-------|
| U19523_at   | U19523 |            | GCH1 GTP cyclohydrolase 1 (dopa-responsive dystonia) (alternative products) | 18.8 | 22.8 | 139.7 | 15.8 | 20.5 | 50.5 | 0.4  | 22.4 | 132.8 |
| M86849_at   | M86849 | cx26       | Connexin 26 (GJB2) mRNA   | 2.9  | 22.6 | 31.6  | 0.2  | 1.4  | 2.4  | 0.4  | 0.1  | 4.5   |
| M21005_at   | M21005 | caga       | CALGRANULIN A   | 6.4  | 22.4 | 165.6 | 0    | 1.4  | 5.6  | 0.8  | 0    | 0.9   |
| U28833_at   | U28833 | dscr1      | Down syndrome critical region protein (DSCR1) mRNA                          | 1.7  | 22.4 | 2.9   | 0.4  | 3.2  | 0.2  | 2.9  | 1.3  | 1.2   |
| M90657_at   | M90657 | m3s1       | TUMOR-ASSOCIATED ANTIGEN L6   | 18.5 | 22.2 | 90.1  | 0.3  | 0.3  | 0    | 0    | 0    | 0     |
| U66838_at   | U66838 |            | Cyclin A1 mRNA  | 2.3  | 22.1 | 53.5  | 12.3 | 23.5 | 65.7 | 1.1  | 1.9  | 23.6  |
| M16750_s_at | M16750 | pim1       | PIM1 Pim-1 oncogene   | 28.7 | 21.8 | 41.8  | 4.2  | 3.7  | 9.4  | 3    | 5.9  | 8.2   |
| X68486_at   | X68486 | adora2a    | ADENOSINE A2A RECEPTOR  | 6.8  | 21.8 | 49.3  | 3.4  | 3.5  | 20.3 | 3.2  | 1.6  | 9.8   |
| D86967_at   | D86967 |            | KIAA0212 gene   | 29.9 | 21.4 | 5.7   | 0.4  | 6.7  | 0.3  | 0.8  | 2.1  | 4.9   |
| L13391_at   | L13391 | g0s8       | REGULATOR OF G-PROTEIN SIGNALLING 2   | 6.1  | 21.1 | 7.3   | 0.7  | 4.2  | 12.8 | 0.7  | 0.5  | 2.1   |
| M32315_at   | M32315 | tnfr2      | TNFR2 Tumor necrosis factor receptor 2 (75kD)                               | 49.5 | 20.7 | 28.5  | 0.3  | 0.5  | 0.6  | 5.4  | 1    | 2.5   |
| X66401_at   | X66401 | tap2       | LMP2 gene extracted from H.sapiens genes TAP1, TAP2, LMP2, LMP7 and DOB     | 30.6 | 20.6 | 32.4  | 12.9 | 9.6  | 6.3  | 6.1  | 23.6 | 31.9  |
| M62831_at   | M62831 | etr101     | Transcription factor ETR101 mRNA  | 4.6  | 20.4 | 4.3   | 9.3  | 16.6 | 11.2 | 0.6  | 0.5  | 1.2   |
| U64197_at   | U64197 | mip3a/larc | CC chemokine LARC precursor   | 10.8 | 20.2 | 164.2 | 1.7  | 12.2 | 16.1 | 0    | 3.9  | 6.4   |
| D14874_at   | D14874 | adm        | ADM Adrenomedullin  | 18   | 20.1 | 46.2  | 3.4  | 4.5  | 10.4 | 2.5  | 5.2  | 16.1  |
| M36284_s_at | M36284 | ge         | GYPC Glycophorin C (Gerbich blood group)                                    | 9.4  | 19.9 | 7.1   | 7    | 6.5  | 1.7  | 1.6  | 0.9  | 2.3   |
| L19871_at   | L19871 | atf3       | ATF3 Activating transcription factor 3                                      | 10.6 | 19.7 | 9.6   | 28.1 | 39   | 12.4 | 5.4  | 1.5  | 3.9   |
| X78710_at   | X78710 | mtf1       | MTF-1 mRNA for metal-regulatory transcription factor                        | 8.7  | 19.7 | 8.9   | 2.9  | 5    | 1.1  | 0    | 1.5  | 2.3   |
| M69043_at   | M69043 | ikba       | MAJOR HISTOCOMPATIBILITY COMPLEX ENHANCER-BINDING PROTEIN MAD3              | 23.9 | 19.6 | 11    | 14.8 | 9.5  | 4.7  | 4.3  | 3.7  | 4.8   |
| U08021_at   | U08021 | nnmt       | Nicotinamide N-methyltransferase (NNMT) mRNA                                | 3.7  | 19.6 | 1.7   | 0.3  | 0.9  | 0    | 0.8  | 0    | 0.4   |
| L13210_at   | L13210 | mac2bp     | Mac-2 binding protein mRNA  | 6    | 19.5 | 21    | 5.6  | 3.5  | 11.5 | 27.3 | 11.8 | 32.5  |
| L06797_s_at | L06797 | cxcr4      | PROBABLE G PROTEIN-COUPLED RECEPTOR LCR1 HOMOLOG                            | 12.7 | 19.2 | 30.6  | 8.8  | 7.9  | 19   | 14.9 | 4.1  | 30.7  |
| D17357_at   | D17357 | actba      | Activin beta-A gene, regulatory sequence of 5'upstream region               | 29.4 | 18.8 | 10.8  | 0.2  | 0.9  | 7.3  | 5.9  | 0    | 1.4   |

Figure 1F

|                  |          |        |  |      |      |       |      |      |      |      |      |      |
|------------------|----------|--------|--|------|------|-------|------|------|------|------|------|------|
| AF005775_at      | AF005775 | flp    | Caspase-like apoptosis regulatory protein 2 (clarp) mRNA, alternatively spliced                | 7.8  | 18.5 | 37.9  | 0.7  | 5.9  | 5.4  | 3    | 7.6  | 18.4 |
| D42073_at        | D42073   | rcn1   | Reticulocalbin   | 5.7  | 18.4 | 61.3  | 10   | 7.5  | 13.7 | 9.2  | 2.1  | 41.5 |
| S79639_at        | S79639   | extl1  | EXT1 Exostos (multiple) 1  | 4.9  | 18.3 | 47    | 8.1  | 19.4 | 6.8  | 3.5  | 0.9  | 5.3  |
| D50663_at        | D50663   | tctel1 | CW.1 mRNA  | 23.1 | 17.9 | 33.6  | 16.9 | 13.3 | 15.1 | 5.1  | 13.5 | 30.8 |
| U60800_at        | U60800   | sema4d | Semaphorin (CD100) mRNA  | 1.3  | 17.6 | 3.7   | 4.3  | 13.5 | 8.1  | 0.6  | 14.5 | 20.5 |
| AF008445_at      | AF008445 | plscr1 | Phospholipid scramblase mRNA   | 28.9 | 17.3 | 127.1 | 2    | 7.6  | 38.3 | 1.2  | 6.3  | 88.5 |
| D45248_at        | D45248   | pa28b  | Proteasome activator hPA28 subunit beta  | 13.1 | 17.2 | 6.2   | 17.1 | 8.2  | 5.7  | 34.3 | 17.3 | 5.5  |
| U15460_at        | U15460   | batf   | BZip protein BATF mRNA   | 19.8 | 17.1 | 26    | 1.5  | 0.4  | 0.9  | 3    | 3.3  | 1.1  |
| X65724_at        | X65724   | ndp    | NDP Norrie disease (pseudoglioma) protein  | 33.4 | 17.1 | 39.4  | 0    | 1.2  | 0    | 3.5  | 0.5  | 2.5  |
| L78440_at        | L78440   | stat4  | STAT4 Signal transducer and activator of transcription 4                                       | 6.4  | 16.4 | 40.6  | 0    | 1.4  | 6.5  | 3.1  | 2.4  | 7.8  |
| U50527_s_at      | U50527   |        | BRCA2 region, mRNA sequence CG018  | 5.9  | 16.4 | 76.1  | 1    | 3.3  | 18.4 | 3.3  | 13.9 | 50.7 |
| M87503_at        | M87503   | isgf3  | TRANSCRIPTIONAL REGULATOR ISGF3 GAMMA SUBUNIT  | 5.4  | 16.3 | 8.9   | 5.9  | 27.5 | 8.2  | 1.8  | 1.8  | 5.5  |
| M55543_at        | M55543   | GBP2   | INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 2   | 30.7 | 16.1 | 47.1  | 11.4 | 3.5  | 6.1  | 7.5  | 19.1 | 23.5 |
| L06633_at        | L06633   | pscdbp | Transcription factor mRNA  | 3.9  | 16   | 15.4  | 0.7  | 1.3  | 6    | 5.4  | 2.2  | 13.6 |
| X68277_at        | X68277   | dupl1  | Alpha-tubulin mRNA   | 10.5 | 15.9 | 12.7  | 4    | 7.3  | 8.6  | 2    | 0.5  | 1.6  |
| D21261_at        | D21261   | tagln2 | SM22-ALPHA HOMOLOG   | 4.1  | 15.8 | 3.9   | 0.9  | 7.4  | 2.4  | 3.3  | 0.5  | 2.3  |
| M31724_at        | M31724   | ptp1b  | PTPN1 Tyrosine phosphatase 1   | 14.7 | 15.8 | 16.2  | 6.7  | 8.1  | 4.1  | 4.6  | 3.5  | 7.3  |
| X85116_rna1_s_at | X85116   | epb72  | Epb72 gene exon 1  | 8.4  | 15.6 | 27.9  | 5.1  | 9.1  | 13.8 | 0.8  | 6.5  | 12.7 |
| Z48481_at        | Z48481   | mmp14  | MT-MMP protein   | 12.2 | 15.6 | 10.1  | 1.3  | 8.8  | 2.7  | 2    | 0    | 2.4  |
| U19261_at        | U19261   | traf1  | Epstein-Barr virus-induced protein mRNA  | 25.7 | 15.4 | 25.2  | 8    | 12.7 | 6    | 5.8  | 9.5  | 8.1  |
| HG544            | HG544    | ecgf   | Endothelial Cell Growth Factor 1   | 5.9  | 15.3 | 4.8   | 10.4 | 5.2  | 2.1  | 26.7 | 16.5 | 7    |
| HT544            | HT544    | faci2  | FACI1 Long chain fatty acid acyl-coA ligase  | 24.7 | 15.2 | 26.2  | 13.5 | 5.9  | 12.4 | 2.2  | 4.4  | 24.1 |
| D10040_at        | D10040   |        | G-CSF protein gene extracted from Human gene for granulocyte colony-stimulating factor (G-CSF) |      |      |       |      |      |      |      |      |      |
| X03656_rna1_at   | X03656   | gcsf   |  | 19.4 | 15.2 | 37.6  | 0.5  | 1.2  | 0.5  | 1    | 0    | 1.5  |
| X59417_at        | X59417   | psma6  | PROTEASOME IOTA CHAIN  | 8.7  | 15.2 | 10.8  | 6.5  | 7.2  | 8.1  | 2    | 6.8  | 5.4  |

Figure 1G



|             |        |        |   |      |      |       |      |      |       |      |      |      |
|-------------|--------|--------|---|------|------|-------|------|------|-------|------|------|------|
| M37435_at   | M37435 | mcsf   | CSF1 Colony-stimulating factor 1 (M-CSF)  | 7    | 12.8 | 6     | 37.5 | 12.1 | 0.4   | 4.1  | 9.6  | 6.3  |
| U83171_at   | U83171 | mdc    | Macrophage-derived chemokine precursor (MDC) mRNA                                 | 14.3 | 12.8 | 2.1   | 1.5  | 1    | 6.5   | 5.7  | 3    | 0.5  |
| X06256_at   | X06256 | itga5  | ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide)                 | 6.2  | 12.8 | 3.8   | 11.6 | 13.2 | 2.9   | 0.9  | 2.9  | 0.8  |
| J04080_at   | J04080 | c1s    | C1S Complement component 1, s subcomponent  | 4.2  | 12.6 | 61.6  | 5.6  | 8.9  | 31.4  | 3.7  | 6.4  | 18.9 |
| M55067_at   | M55067 | ncf1   | NCF1 47 kD autosomal chronic granulomatous disease protein                        | 2.5  | 12.6 | 24.2  | 19.1 | 28.5 | 22.1  | 4.4  | 9.8  | 17.2 |
| Z11697_at   | Z11697 | cd83   | CD83 ANTIGEN PRECURSOR  | 18.7 | 12.6 | 9.8   | 19.6 | 9.5  | 6     | 4.1  | 10.4 | 7.2  |
| L37936_at   | L37936 |        | MITOCHONDRIAL ELONGATION FACTOR TS PRECURSOR                                      | 6.1  | 12.5 | 19.6  | 0.6  | 5.5  | 0.4   | 0.6  | 2.6  | 5.1  |
| U52682_at   | U52682 | irf4   | IRF4 Interferon regulatory factor 4   | 6.3  | 12.4 | 4.1   | 4.5  | 3.4  | 2.2   | 1.3  | 3.2  | 7    |
| U91616_at   | U91616 | ikbe   | I kappa B epsilon (kB) mRNA   | 16.3 | 12.4 | 3.3   | 12.6 | 4.5  | 0     | 4.1  | 6.1  | 1.5  |
| S66896_at   | S66896 | scca1  | SCCA1 Squamous cell carcinoma antigen 1   | 28   | 12.3 | 47.6  | 0    | 0.2  | 3.3   | 0    | 0.2  | 1.5  |
| X66363_at   | X66363 | pctk1  | SERINE/THREONINE-PROTEIN KINASE PCTAIRE.1   | 11.2 | 11.9 | 32.3  | 0    | 0.7  | 0.1   | 0    | 0    | 5.2  |
| U20647_at   | U20647 | znf151 | ZNF151 Zinc finger protein 151 (pH2-67)   | 2.9  | 11.8 | 6.2   | 0    | 1.4  | 0     | 4.7  | 3.8  | 3.8  |
| V00535_s_at | V00535 | ifnb1  | Interferon beta 1 gene extracted from Gene for human fibroblast interferon beta 1 | 0.8  | 11.8 | 187.4 | 68.4 | 33.2 | 165.4 | 1.2  | 0    | 0    |
| D86968_at   | D86968 | map3k4 | KIAA0213 gene, partial cds  | 10.8 | 11.7 | 7.2   | 2.8  | 0.5  | 1     | 3.6  | 1.8  | 7.4  |
| M97936_at   | M97936 | stat1  | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA                     | 7.4  | 11.4 | 16.9  | 13.4 | 7.7  | 11.4  | 48.3 | 40   | 28.5 |
| U15174_at   | U15174 | nip3   | Nip3 (NIP3) mRNA  | 9    | 11.4 | 27.3  | 0.6  | 2.1  | 0.8   | 0.3  | 1.7  | 11.1 |
| X90858_at   | X90858 | up     | Uridine phosphorylase   | 13.1 | 11.4 | 10.9  | 2.4  | 1.8  | 0     | 4.5  | 1.9  | 8.3  |
| U44975_at   | U44975 | bcd1   | DNA-binding protein CPBP (CPBP) mRNA, partial cds                                 | 2.4  | 11.3 | 6.8   | 3.7  | 7.1  | 7.8   | 1.5  | 4.2  | 5.3  |
| M27436_s_at | M27436 | f3     | F3 Coagulation factor III (thromboplastin, tissue factor)                         | 1.5  | 11.2 | 32.6  | 0    | 1    | 3.1   | 1.3  | 1.1  | 15   |
| L08069_at   | L08069 | hsp14  | DNAJ PROTEIN HOMOLOG 2  | 12.8 | 11.1 | 12.7  | 10.9 | 20.7 | 9.7   | 1.7  | 3.9  | 8.8  |
| M37766_at   | M37766 | bcm1   | CD48 CD48 antigen (B-cell membrane protein)                                       | 13.2 | 10.9 | 20.8  | 8.2  | 13.4 | 13.1  | 1    | 6.4  | 29.8 |
| D14661_at   | D14661 |        | KIAA0105 gene   | 7.1  | 10.7 | 24.3  | 23.4 | 33.6 | 11.7  | 1.5  | 1.8  | 6.7  |
| U03105_at   | U03105 | b4.2   | B4.2 protein mRNA   | 29.4 | 10.7 | 8.2   | 11.4 | 5.7  | 5     | 6.4  | 2.6  | 3.1  |

Figure 11

| U76764_s_at  | U76764 | cd97    | CD97 CD97 antigen (leucocyte antigen)  | 14.8 | 10.7 | 3.4  | 14.5  | 2.8  | 2.3  | 1.7  | 2.3  | 7.5  |
|--------------|--------|---------|--|------|------|------|-------|------|------|------|------|------|
| M64929_at_   | M64929 | ppp2r2a | PPP2R2A Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform                     | 3    | 10.6 | 5.7  | 9.2   | 15.7 | 8.4  | 1    | 9    | 7.7  |
| U67171_at_   | U67171 |         | Selenoprotein W (selW) mRNA  | 2.5  | 10.6 | 5.6  | 0.8   | 3.3  | 5    | 4.4  | 0    | 3.8  |
| D10923_at_   | D10923 | hm74    | PROBABLE G PROTEIN-COUPLED RECEPTOR  |      |      |      |       |      |      |      |      |      |
| D50840_at_   | D50840 | gcs     | HM74   | 5    | 10.5 | 2.6  | 8.9   | 9.8  | 1.7  | 0.4  | 2.5  | 1.2  |
| M16364_s_at  | M16364 | ckb     | Ceramide glucosyltransferase   | 4.4  | 10.4 | 4    | 1.6   | 10.2 | 0.7  | 0.9  | 5.8  | 6.2  |
|              |        |         | CKB Creatine kinase B  | 50.5 | 10.4 | 11.1 | 109.5 | 18.8 | 7.4  | 5.5  | 2    | 4    |
| M22324_at_   | M22324 | anpep   | ANPEP Alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13) | 5.4  | 10.4 | 7.5  | 1.9   | 1.9  | 0    | 2.2  | 3.1  | 7    |
| L08187_at_   | L08187 | ebi3    | Cytokine receptor (EBI3) mRNA  | 17.4 | 10.2 | 54.9 | 0     | 0.6  | 3    | 0    | 2.1  | 12.5 |
| U82979_at_   | U82979 | lir5    | Immunoglobulin-like transcript-3 mRNA  | 11.2 | 10.1 | 14.5 | 6.7   | 15.1 | 6    | 1.2  | 4.3  | 17.4 |
| X69910_at_   | X69910 | p63     | P63 mRNA for transmembrane protein   | 5.8  | 10.1 | 26.4 | 4.1   | 2.3  | 9.7  | 3.9  | 6.4  | 29.3 |
| X52425_at_   | X52425 | il4r    | IL4R Interleukin 4 receptor  | 9.8  | 10   | 10   | 2.9   | 3.1  | 4.4  | 1.8  | 2    | 9.7  |
| X77366_at_   | X77366 | nfe2l1  | TCF11 Transcription factor 11 (basic leucine zipper type)  | 2.3  | 10   | 16.4 | 3.5   | 4.1  | 3.4  | 0    | 4.9  | 15.7 |
| D79206_s_at_ | D79206 | sdca4   | SDC4 Syndecan 4 (amphiglycan, ryudocan)  | 6.3  | 9.9  | 21.1 | 15.2  | 11.2 | 10.2 | 2.7  | 2.7  | 6    |
| D38583_at_   | D38583 | s100a11 | Calgizzarin  | 6    | 9.8  | 3.7  | 5.8   | 17   | 3.1  | 1.2  | 0.4  | 2.1  |
| HG2981_s_at  | HG2981 |         |  |      |      |      |       |      |      |      |      |      |
| HT3125_s_at  | HT3125 | cd44    | Epican, Alt, Splice 1  | 13.1 | 9.7  | 8.1  | 2     | 1.4  | 0    | 2.7  | 2.3  | 1.7  |
| L22342_at_   | L22342 | unknown | Nuclear phosphoprotein mRNA  | 3.8  | 9.7  | 11.4 | 4.1   | 6.1  | 7    | 11.5 | 12.2 | 21.7 |
| J04102_at_   | J04102 | ets2    | ETS2 V-ets avian erythroblastosis virus E26 oncogene homolog 2   | 23.3 | 9.6  | 53.3 | 0.7   | 4.7  | 0    | 0    | 0.5  | 3.3  |
| L08177_at_   | L08177 | ebi2    | CMKBR7 Chemokine (C-C) receptor 7  | 3.6  | 9.6  | 6.2  | 2.2   | 2.1  | 4.1  | 5.1  | 2    | 2.1  |
| U49835_s_at  | U49835 |         |  |      |      |      |       |      |      |      |      |      |
|              |        |         | CHIT1 Chitinase 1  | 1.7  | 9.6  | 3.8  | 0     | 2.9  | 1.9  | 0.3  | 0    | 0.8  |
| D14497_at_   | D14497 | cot     | COT Proto-oncogene c-cot (protein-serine/threonine kinase)   | 4.1  | 9.5  | 27   | 0     | 0.6  | 4.4  | 0.5  | 0    | 1.2  |
| M69066_at_   | M69066 | rmsn    | MSN Moesin   | 7.3  | 9.5  | 3.7  | 2.4   | 5    | 1.1  | 0.8  | 1    | 2.5  |

Figure 1J



|                |          |         |  |      |     |      |      |      |      |     |     |      |
|----------------|----------|---------|--|------|-----|------|------|------|------|-----|-----|------|
| U09579_at      | U09579   | cpne5   | CDKN1A Cyclin-dependent kinase inhibitor 1A (p21, Cip1)  | 12   | 9.5 | 5.1  | 5.6  | 2.4  | 1.2  | 2.3 | 3.4 | 2.2  |
| D64142_at      | D64142   |         | Histone H1x  | 1.8  | 9.4 | 10.1 | 2.1  | 4.8  | 2.1  | 4.4 | 0.4 | 9.4  |
| M86707_at      | M86707   |         | GLYCYLPEPTIDE N-TETRADECANOYLTRANSFERASE   | 2.4  | 9.4 | 2.7  | 1.2  | 4.3  | 0.4  | 2.6 | 3.6 | 12.2 |
| U01824_at      | U01824   | glt1    | Glutamate transporter  | 7.1  | 9.3 | 24.2 | 0.1  | 4.1  | 2.8  | 0.9 | 0.7 | 1    |
| U30999_at      | U30999   | cd166   | U30999 Homo sapiens MV3 melanoma Homo sapiens cDNA clone memd, mRNA sequence   | 9.9  | 9.3 | 6.3  | 3.4  | 0    | 0.1  | 3.7 | 3.5 | 2.8  |
| AF014958_at    | AF014958 | ccr6    | Chemokine receptor X (CKRX) mRNA   | 3.6  | 9.2 | 36.3 | 3.7  | 5.3  | 6.6  | 5.1 | 4.3 | 10   |
| U03398_at      | U03398   | 41bbl   | Receptor 4.1BB ligand mRNA   | 3.3  | 9.2 | 27.9 | 0    | 9.2  | 3.7  | 2.2 | 1.6 | 3.4  |
| Z14982_rna1_at | Z14982   | Imp7    | MHC-encoded proteasome subunit gene LAMP7 E1 gene (proteasome subunit LMP7) extracted from H.sapiens gene for major histocompatibility complex encoded proteasome subunit LMP7 | 3.6  | 9.2 | 9.4  | 4.2  | 8.7  | 9.8  | 5.1 | 2.9 | 13.9 |
| D28137_at      | D28137   | bst2    | BONE MARROW STROMAL ANTIGEN 2 (BST-2)  | 5    | 9.1 | 12.9 | 11   | 9    | 14.9 | 7.9 | 6.2 | 27.8 |
| D29805_at      | D29805   | b4galt1 | GGTB2 Glycoprotein-4-beta-galactosyltransferase 2  | 13.4 | 9   | 12.9 | 6.1  | 4.7  | 3    | 0.7 | 3.5 | 4.5  |
| M31627_at      | M31627   | xbp1    | X BOX BINDING PROTEIN-1  | 4.4  | 9   | 15.4 | 16.7 | 20.6 | 27.1 | 3.2 | 3.1 | 4.6  |
| M79462_at      | M79462   | myl     | PML Probable transcription factor PML {alternative products}   | 3.1  | 8.9 | 6.2  | 2.7  | 6.7  | 6.2  | 3.3 | 3.8 | 6.8  |
| U74667_at      | U74667   |         | Tat interactive protein mRNA   | 3.5  | 8.9 | 3.4  | 1.7  | 10.2 | 2.6  | 0.7 | 0.6 | 2.7  |
| X01060_at      | X01060   | cd71    | TFRC Transferrin receptor (p90, CD71)  | 26.3 | 8.9 | 13.7 | 0.3  | 2.6  | 0.5  | 1.2 | 4.9 | 8.6  |
| Y13153_at      | Y13153   |         | Kynurenine 3-monooxygenase   | 2.9  | 8.9 | 4.9  | 1.3  | 2.9  | 1.1  | 2.3 | 2.5 | 2.5  |
| D26443_at      | D26443   | eat1    | EXCITATORY AMINO ACID TRANSPORTER 1  | 5.5  | 8.8 | 27.5 | 1.2  | 3.6  | 4.9  | 3.5 | 0.3 | 6.8  |
| M21186_at      | M21186   | cyba    | CYBA Cytochrome b-245, alpha polypeptide   | 2.7  | 8.7 | 2    | 1.6  | 5.1  | 1.6  | 0.9 | 0.5 | 2.2  |
| M83088_at      | M83088   | pgm1    | PGM1 Phosphoglucomutase 1  | 3.4  | 8.7 | 6.7  | 0.2  | 0.5  | 0    | 1.3 | 1.2 | 4.2  |
| L22524_s_at    | L22524   | mmp7    | MATRILYSIN PRECURSOR   | 9.9  | 8.6 | 63.7 | 0    | 0    | 5.1  | 0.4 | 0.1 | 1.9  |
| M62324_at      | M62324   | mrf-1   | Modulator recognition factor 1 (MRF-1) mRNA, 3' end  | 4.8  | 8.6 | 10.2 | 7.9  | 6.1  | 14.3 | 1.8 | 3.4 | 6.2  |

Figure 1K

|             |        |             |   |      |     |      |      |      |      |      |      |      |
|-------------|--------|-------------|---|------|-----|------|------|------|------|------|------|------|
| M87434_at   | M87434 | oas2        | 69/71 KD  | 11.8 | 8.6 | 21.2 | 15.4 | 33.1 | 16.5 | 2.5  | 5.3  | 17.5 |
| S54005_s_at | S54005 | thymosinb10 | THYMOSIN BETA:10  | 4.2  | 8.6 | 1.7  | 3    | 5.4  | 3.7  | 4.4  | 3.2  | 0.6  |
| X01677_f_at | X01677 | g3pdh       | GAPD Glyceraldehyde-3-phosphate dehydrogenase                   | 5.2  | 8.6 | 2.6  | 1    | 3.1  | 2.8  | 0.3  | 1    | 1.2  |
| X07820_at   | X07820 | mmp10       | MMP10 Matrix metalloproteinase 10 (stromelysin 2)               | 13.3 | 8.6 | 98.8 | 0.2  | 0    | 1.5  | 1.3  | 2.2  | 3.4  |
| U43185_s_at | U43185 | stat5a      | STAT5A Signal transducer and activator of transcription 5A      | 7.6  | 8.5 | 14.5 | 1.2  | 0.8  | 1.1  | 15.9 | 10.5 | 7    |
| X17093_at   | X17093 | hla-cda12   | HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, F ALPHA CHAIN PRECURSOR | 12.7 | 8.4 | 5.2  | 5.3  | 1.8  | 4.3  | 21.8 | 12.4 | 2.8  |
| U03100_at   | U03100 | catenin-a1  | CTNNA1 Catenin (cadherin-associated protein), alpha 1 (102kD)   | 2.9  | 8.3 | 3.7  | 1.4  | 2.8  | 0    | 2.1  | 0.2  | 2.5  |
| U72649_at   | U72649 | btg2        | BTG2 (BTG2) mRNA  | 3.1  | 8.3 | 4.7  | 1.5  | 0.9  | 0.6  | 3.2  | 0.6  | 1.4  |
| U19557_s_at | U19557 | scca2       | Squamous cell carcinoma antigen 2 (SCCA2) mRNA                  | 17.5 | 8.2 | 24.2 | 0    | 0.6  | 1.5  | 0    | 0.1  | 0    |
| X92521_at   | X92521 | mmp19       | Clone rasi-1 matrix metalloproteinase RASI:1 mRNA               | 5.8  | 8.2 | 21   | 0.9  | 10.1 | 2.7  | 2.3  | 0.7  | 5.1  |
| Y00451_s_at | Y00451 | alas1       | ALAS1 Aminolevulinate, delta-, synthase 1                       | 17.8 | 8.2 | 14.6 | 62   | 53   | 23.9 | 1.2  | 12.2 | 7.7  |
| L07633_at   | L07633 | pa28a       | INTERFERON GAMMA UP-REGULATED 1-5111 PROTEIN PRECURSOR          | 5.1  | 8.1 | 13.1 | 5    | 4.4  | 6.6  | 2.3  | 4.3  | 20.1 |
| L40377_at   | L40377 | cap2        | Cytoplasmic antipeptidase 2 (CAP2) mRNA                         | 7.4  | 8.1 | 7    | 2.7  | 0.5  | 0    | 2.2  | 2.8  | 1.3  |
| S81914_at   | S81914 | lex-1       | LEX-1   | 7.9  | 8.1 | 10   | 1.1  | 1.9  | 0    | 2.5  | 2.2  | 4.3  |
| M30894_at   | M30894 | tcr-g       | TCRG T cell receptor gamma chain                                | 6.8  | 8   | 40.3 | 0    | 0.7  | 3    | 1.8  | 0    | 1.4  |
| M93056_at   | M93056 | ei          | LEUKOCYTE ELASTASE INHIBITOR                                    | 23.4 | 8   | 30.8 | 3.7  | 1.8  | 0.7  | 1.6  | 4.8  | 10   |
| L27476_at   | L27476 | zo-2        | X104 mRNA   | 3.1  | 7.9 | 3    | 1.3  | 2.4  | 0.6  | 2.2  | 0.8  | 2.2  |
| M97935_s_at | M97935 | stat1       | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA   | 4.1  | 7.9 | 10.5 | 2.5  | 5.3  | 12.2 | 9.8  | 17.2 | 36.7 |
| U43522_at   | U43522 | fak2        | Protein tyrosine kinase PYK2 mRNA                               | 5.2  | 7.9 | 16.3 | 1    | 1.6  | 5.8  | 0    | 12.9 | 25.9 |
| X91504_at   | X91504 |             | TFCOUP2 Transcription factor COUP 2 (a.k.a. ARP1)               | 2.4  | 7.9 | 6.6  | 0    | 1.1  | 0    | 1.2  | 0    | 3.7  |
| M24069_at   | M24069 | csda        | DNA-BINDING PROTEIN A   | 14   | 7.8 | 12.1 | 0    | 0.8  | 0    | 0.3  | 0    | 0.1  |
| U20158_at   | U20158 | lcp2        | 76 kDa tyrosine phosphoprotein SLP-76 mRNA                      | 3.7  | 7.8 | 8.6  | 8    | 12.6 | 3.4  | 3    | 2.3  | 3.3  |

Figure 1L

|             |        |         |  |      |     |      |       |       |       |     |     |      |
|-------------|--------|---------|--|------|-----|------|-------|-------|-------|-----|-----|------|
| X60104_s_at | X60104 | egr4    | EGR4 Early growth response 4                                 | 1.4  | 7.8 | 2.4  | 1.5   | 2     | 0.1   | 0   | 0   | 6.3  |
| HG2981      |        |         |  |      |     |      |       |       |       |     |     |      |
| HT3127_s_at | HG2981 | cd44    | Epican, Alt. Splice 11                                       | 13.5 | 7.7 | 25.6 | 2.3   | 13.3  | 1.1   | 0.5 | 0.8 | 1.5  |
|             | HT3127 |         | EIF5 Eukaryotic translation initiation factor 5 (elF5)       | 5.6  | 7.7 | 16.1 | 1.2   | 5.5   | 0     | 1.4 | 2.2 | 5.7  |
| U49436_at   | U49436 | elF5    |  |      |     |      |       |       |       |     |     |      |
| HG2917      |        |         | Major Histocompatibility Complex, Class I, E (Gb:M21533)     | 5.7  | 7.6 | 9.2  | 5.3   |       |       |     |     |      |
| HT3061_f_at | HT3061 | hla     | PML Probable transcription factor PML {alternative products} | 5.8  | 7.6 | 13.3 | 2     | 4.2   | 4.1   | 7.1 | 5.9 | 11.1 |
| M79463_s_at | M79463 | myl     | Myeloid elf.1 like factor (MEF) mRNA                         | 8    | 7.6 | 7.2  | 6.5   | 9.6   | 1.4   | 0.6 | 2.5 | 7.2  |
| U32645_at   | U32645 | elf4    | PRE-MRNA SPLICING FACTOR SRP75                               | 2.5  | 7.5 | 4    | 1.4   | 6.1   | 3     | 1.4 | 1.3 | 2.9  |
| L14076_at   | L14076 |         | Thyroid receptor interactor (TRIP14) gene, 3' end of cds     | 4.6  | 7.5 | 43   | 105.3 | 185.2 | 124.5 | 1.7 | 0.4 | 13.6 |
| L40387_at   | L40387 | oasl    | IL2RA Interleukin 2 receptor, alpha                          | 9.3  | 7.4 | 39.3 | 0     | 0.6   | 0.3   | 2.8 | 0.4 | 1.2  |
| X01057_at   | X01057 | il2r    | Phosphoribosylpyrophosphate synthetase-associated protein 39 | 2.1  | 7.3 | 6.4  | 0     | 0.7   | 0     | 0   | 0   | 2.8  |
| D61391_at   | D61391 | prpsap1 | Nuclear orphan receptor LXR-alpha mRNA                       | 1.5  | 7.3 | 9.6  | 34.8  | 11.4  | 9.4   | 8.4 | 3.1 | 10.9 |
| U22662_at   | U22662 | lxra    | TGFA Transforming growth factor, alpha                       | 2    | 7.3 | 11   | 0     | 0     | 0     | 3.3 | 4.4 | 9.8  |
| X70340_at   | X70340 | tgfa    | JUNB Jun B proto-oncogene                                    | 4.8  | 7.2 | 5.4  | 2.3   | 3.9   | 5.2   | 1   | 2   | 1.8  |
| X51345_at   | X51345 | junb    | CYSTATIN A   | 12.8 | 7.1 | 6.5  | 3.8   | 1     | 1     | 2.2 | 0.5 | 0.5  |
| D88422_at   | D88422 | csta    | Golgin-245 mRNA  | 3.3  | 7.1 | 17.2 | 5.9   | 2.5   | 6.7   | 0.3 | 1.7 | 6.3  |
| U41740_at   | U41740 | golga4  | RNA binding protein Etr-3 mRNA                               | 2.5  | 7.1 | 6.4  | 3.1   | 2.1   | 5.1   | 2.1 | 4.1 | 9.2  |
| U69546_at   | U69546 |         | RPA2 Replication protein A2 (32kD)                           | 2.6  | 7   | 27.3 | 0.2   | 1.6   | 3     | 1.1 | 2.2 | 5.6  |
| J05249_at   | J05249 | rpa2    | Myeloid differentiation primary response protein MyD88 mRNA  | 2.2  | 7   | 2.8  | 6.3   | 17.2  | 7.1   | 1.6 | 2.4 | 7.1  |
| U70451_at   | U70451 | myd88   | Staf50 mRNA  | 10   | 7   | 13.1 | 7.8   | 15.4  | 16.7  | 2.1 | 3.1 | 18.1 |
| X82200_at   | X82200 | staf50  | DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 3   | 13.5 | 6.9 | 18   | 12.2  | 2.1   | 2.9   | 5.6 | 1.6 | 7.3  |
| D87116_at   | D87116 | mapkk3  | GYS1 Glycogen synthase 1 (muscle)                            | 8.6  | 6.9 | 4.1  | 0     | 0.8   | 0     | 1.1 | 0.3 | 2.2  |
| J04501_at   | J04501 | gys     | CNP 2',3'-cyclic nucleotide 3'                               |      |     |      |       |       |       |     |     |      |
| M19650_s_at | M19650 | cnp     | phosphodiesterase  | 21.4 | 6.9 | 9.7  | 5.5   | 8.5   | 1.8   | 0   | 0   | 3.8  |
| X76648_at   | X76648 | glrx    | GLRX Glutaredoxin (thioltransferase)                         | 7    | 6.9 | 3.5  | 6.7   | 8.1   | 2.2   | 2   | 7.4 | 9.7  |

Figure 1M

|                 |          |               |  |      |     |       |      |     |      |     |     |      |
|-----------------|----------|---------------|--|------|-----|-------|------|-----|------|-----|-----|------|
| M76665_at       | M76665   | hsd11         | CORTICOSTEROID 11-BETA DEHYDROGENASE ISOZYME 1   | 8    | 6.8 | 15.8  | 0.9  | 3.6 | 1.4  | 1   | 2.9 | 2.2  |
| D43949_at       | D43949   |               | KIAA0082 gene, partial cds   | 2.7  | 6.7 | 5.6   | 0.3  | 0.7 | 2.6  | 6.5 | 3   | 6.8  |
| U10439_at       | U10439   | adar          | ADAR Double-stranded RNA adenosine deaminase   | 7.7  | 6.7 | 6.5   | 3.9  | 8.8 | 5    | 1   | 2.3 | 6.4  |
| U22431_s_at     | U22431   | hif1a         | MOP1 mRNA  | 10.7 | 6.7 | 7.8   | 9.8  | 2.1 | 1.9  | 1.2 | 3.6 | 2.3  |
| D10495_at       | D10495   | pkcd          | PRKCD Protein kinase C, delta  | 2.6  | 6.6 | 2.1   | 2.6  | 6.4 | 0.5  | 0.6 | 1.6 | 2.1  |
| M34668_at       | M34668   | lrp           | PTPRA Protein tyrosine phosphatase, receptor type, alpha polypeptide   | 3.8  | 6.6 | 2.1   | 0.4  | 1.9 | 0    | 0.6 | 3   | 5.6  |
| Z49099_at       | Z49099   | sms           | Spermine synthase  | 4.8  | 6.6 | 7.1   | 1.8  | 4.2 | 1.4  | 1.4 | 2.1 | 2.9  |
| D26579_at       | D26579   | adam8         | Transmembrane protein  | 5.5  | 6.5 | 3.5   | 0.3  | 1   | 4.2  | 2.1 | 2.6 | 19.3 |
| K01383_at       | K01383   | mt1a          | Metallothionein-1A gene, complete coding sequence  | 3.7  | 6.5 | 23.6  | 0.4  | 0.9 | 1.6  | 1.2 | 0.9 | 0    |
| D28235_s_at     | D28235   | cox2          | Cytochrome c oxidase subunit 2 (hCox 2) gene   | 28.6 | 6.4 | 147.9 | 1.3  | 1.5 | 21.9 | 0.2 | 0.7 | 7.7  |
| HG2915          | HG2915   |               | Major Histocompatibility Complex, Class I, E (Gb:M20022)   | 6.1  | 6.3 | 8.8   | 5.8  | 4.2 | 2.8  | 1.8 | 3.6 | 5.6  |
| HT3059          | HT3059   | hla           |  | 3.8  | 6.3 | 3.7   | 3    | 2.8 | 1.8  | 3.1 | 2.8 | 1.9  |
| S74017_at       | S74017   | nrf2          | Nrf2   |      |     |       |      |     |      |     |     |      |
| U76421_at       | U76421   | adarb1        | DsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA   | 2.6  | 6.3 | 7.8   | 0    | 0   | 0    | 0   | 0.1 | 0.1  |
| V00599_s_at     | V00599   | tubulinB like | mRNA fragment encoding beta tubulin. (from clone D-beta-1)   | 6.6  | 6.3 | 2.7   | 6.5  | 5.5 | 0    | 2.2 | 3.8 | 1.9  |
| Y10659_at       | Y10659   | il13ra1       | IL13 receptor alpha-1 chain  | 2.6  | 6.3 | 7.4   | 0.3  | 1.8 | 0    | 0.8 | 1.1 | 7.6  |
| M21904_at       | M21904   | cd98          | MDU1 Antigen identified by monoclonal antibodies 4F2, TRAI.10, TROP4, and T43  | 18.9 | 6.2 | 3     | 22.6 | 4.8 | 0.9  | 1.6 | 0   | 1.5  |
| U16720_ma1_s_at | U16720   | il10          | Interleukin 10 (IL10) gene   | 17.1 | 6.2 | 83.6  | 0    | 0.9 | 3.2  | 1.6 | 0.2 | 2.7  |
| AF001548_ma1_at | AF001548 | myh11         | 815A9.1 gene (myosin heavy chain) extracted from Homo sapiens chromosome 16 BAC clone CIT987SK-815A9 complete sequence | 3.7  | 6.1 | 30.6  | 0.7  | 0.8 | 4.5  | 0.2 | 0.3 | 5.2  |
| L22005_at       | L22005   | cdc34         | UBIQUITIN-CONJUGATING ENZYME E2-CDC34 COMPLEMENTING  | 2    | 6.1 | 3     | 2.6  | 3.6 | 0.8  | 0.6 | 0   | 2.3  |

Figure 1N

|             |        |         |  |      |     |      |      |      |      |     |      |      |
|-------------|--------|---------|--|------|-----|------|------|------|------|-----|------|------|
| Z35278_at   | Z35278 | ami2    | PEBP2aC1 acute myeloid leukaemia mRNA  | 14.3 | 6.1 | 22.1 | 15.8 | 3.3  | 23.4 | 7.6 | 4.2  | 19.6 |
| M87507_s_at |        |         |  |      |     |      |      |      |      |     |      |      |
| M87507      | M87507 | casp1   | IL1BC Interleukin 1, beta, convertase  | 1.7  | 6   | 5.9  | 1    | 4.4  | 2.7  | 0.1 | 3.3  | 19.7 |
| U32849_at   | U32849 | nmi     | Hou mRNA   | 5.2  | 6   | 16.1 | 10.4 | 10.5 | 24.4 | 2.7 | 12.3 | 23.9 |
| D78156_at   | D78156 | gap1m   | RasGTPase activating protein, partial cds  | 7.2  | 5.9 | 3.6  | 0    | 0    | 0.8  | 0   | 0    | 0.6  |
| D87434_at   | D87434 |         | KIAA0247 gene  | 12.4 | 5.9 | 2    | 4    | 3.8  | 0    | 2.1 | 2.2  | 1.9  |
|             |        |         | S100A10 S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) |      |     |      |      |      |      |     |      |      |
| M38591_at   | M38591 | cal1i   |  | 4.1  | 5.9 | 5.6  | 3.8  | 7.3  | 4.6  | 1.3 | 0.7  | 1.6  |
| M73780_at   | M73780 | itgb8   | ITGB8 Integrin, beta 8   | 4.3  | 5.9 | 20.8 | 0.3  | 0.2  | 7.4  | 2.6 | 0.2  | 3.9  |
| M91670_at   | M91670 | psma2   | Ubiquitin carrier protein (E2-EPF) mRNA  | 5.4  | 5.9 | 3    | 2.2  | 2.5  | 5.2  | 0.7 | 3.1  | 6.9  |
| U11732_at   | U11732 | etv6    | ETV6 Ets variant gene 6 (TEL oncogene)   | 4.4  | 5.9 | 6.4  | 1.9  | 3.9  | 1.1  | 0   | 1.4  | 6    |
| U42408_at   | U42408 | lad1    | Ladinin (LAD) mRNA   | 6.3  | 5.9 | 67.8 | 0.3  | 4.5  | 8.7  | 0.9 | 0.6  | 1.9  |
|             |        |         | GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR RECEPTOR ALPHA CHAIN PRECURSOR                    |      |     |      |      |      |      |     |      |      |
| X17648_at   | X17648 | gmcsfR  |  | 6    | 5.9 | 12.9 | 0    | 1.9  | 0    | 0.5 | 0.9  | 8.4  |
|             |        |         |  |      |     |      |      |      |      |     |      |      |
| HG3597      | HG3597 |         | Major Histocompatibility Complex, Class I (Gb.X12432)  | 7    | 5.8 | 3.3  | 6.5  | 2.3  | 3.6  | 4   | 4.3  | 1.6  |
| HT3800      | HT3800 | hla     |  |      |     |      |      |      |      |     |      |      |
| X15949_at   | X15949 | irf2    | IRF2 Interferon regulatory factor 2  | 6.1  | 5.8 | 6.1  | 5.3  | 10.2 | 5    | 1.1 | 1.6  | 9.8  |
| X60592_at   | X60592 | cd40    | CD40 CD40 antigen  | 6.3  | 5.8 | 21   | 6.8  | 27.6 | 5.3  | 1.9 | 3.5  | 11.4 |
| HG987       | HG987  |         |  |      |     |      |      |      |      |     |      |      |
| HT987_at    | HT987  | igfbp7  | Mac25  | 2.3  | 5.7 | 2.8  | 4.8  | 4.9  | 2.7  | 1.2 | 0    | 2.1  |
| U33821_at   | U33821 | tax1bp1 | Tax1-binding protein TXBP151 mRNA  | 2.4  | 5.7 | 10.3 | 0.6  | 2    | 1.2  | 1.1 | 0.9  | 15.6 |
|             |        |         | IMMUNODEFICIENCY VIRUS TYPE I ENHANCER BINDING PROTEIN 2   | 9.1  | 5.7 | 12.3 | 3.8  | 6.3  | 4.7  | 2.2 | 0.5  | 5.4  |
| X65644_at   | X65644 | hivep2  |  | 7.3  | 5.6 | 3.9  | 2.8  | 4.4  | 3.5  | 0   | 0.6  | 2.8  |
| D38551_at   | D38551 | unknown | KIAA0078 gene  |      |     |      |      |      |      |     |      |      |
| HG2167      | HG2167 |         |  |      |     |      |      |      |      |     |      |      |
| HT2237_at   | HT2237 | pkht31  | Protein Kinase Ht31, Camp-Dependent INDUCED MYELOID LEUKEMIA CELL                                  | 8.6  | 5.6 | 4.3  | 7.8  | 6.5  | 2    | 1.9 | 0.5  | 3.4  |
| L08246_at   | L08246 | mcl1    | DIFFERENTIATION PROTEIN MCL1   | 3.3  | 5.6 | 4.6  | 4.1  | 2.4  | 7.6  | 1.4 | 1.5  | 3.8  |
| L40393_at   | L40393 | numb    | (clone S171) mRNA  | 1.5  | 5.6 | 6    | 0.6  | 0.8  | 0    | 0.2 | 0.8  | 2.5  |
|             |        |         | LYN V-yes-1 Yamaguchi sarcoma viral related oncogene homolog                                       |      |     |      |      |      |      |     |      |      |
| M16038_at   | M16038 | lyn     |  | 7.9  | 5.6 | 9.1  | 11.6 | 6.7  | 5    | 1.6 | 4.7  | 7.1  |
| X58521_at   | X58521 | nup62   | NUCLEAR PORE GLYCOPROTEIN P62  | 8.3  | 5.6 | 15   | 10.8 | 7.2  | 15.3 | 1.7 | 0.3  | 6.8  |

Figure 10

|                |        |          |   |      |     |      |      |     |      |     |     |      |
|----------------|--------|----------|---|------|-----|------|------|-----|------|-----|-----|------|
| X69886_s_at    | X69886 | gk       | GK Glycerol kinase  | 4.8  | 5.6 | 18.3 | 0.4  | 0   | 3.5  | 0.9 | 4.6 | 14.8 |
| X71874_cds1_at | X71874 | Imp10    | Proteasome-like subunit MECL-1 gene extracted from H.sapiens genes for proteasome-like subunit (MECL-1), chymotrypsin-like protease (CTRL-1) and protein serine kinase (PSK-H1) last exon | 3.4  | 5.6 | 4.4  | 3.1  | 1.1 | 0    | 12  | 6.1 | 9.7  |
| D32129_f_at    | D32129 | hla-a    | HLA-A MHC class I protein HLA-A (HLA-A28, B40, Cw3)   | 8.5  | 5.5 | 7.4  | 5.7  | 3.1 | 6.9  | 2.5 | 3.7 | 3.4  |
| U26424_at      | U26424 | krs1     | Stress responsive serine/threonine protein kinase Krs-1 mRNA  | 2.6  | 5.5 | 12.2 | 1.2  | 0   | 3.6  | 0.8 | 2.3 | 8.8  |
| U59863_at      | U59863 | itraf    | TRAF-interacting protein 1-TRAF mRNA  | 1.3  | 5.5 | 4.5  | 4.7  | 7.1 | 7.7  | 2.1 | 4.9 | 5.9  |
| X16396_at      | X16396 | MTHFD2   | MTHFD NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase   | 7.2  | 5.5 | 15.2 | 2.5  | 2.2 | 0.9  | 2.5 | 3.2 | 19.8 |
| X61970_at      | X61970 | p5c5     | PROTEASOME ZETA CHAIN   | 4.3  | 5.5 | 8.8  | 2.6  | 6.4 | 2.7  | 1.1 | 3.8 | 6.1  |
| X79882_at      | X79882 | mvp      | Lrp mRNA  | 5.5  | 5.5 | 3.8  | 1.1  | 2.3 | 0.4  | 3.7 | 1.9 | 7.6  |
| L10338_s_at    | L10338 | scn1b    | SCN1B Sodium channel, voltage-gated, type I, beta polypeptide   | 1.8  | 5.4 | 10   | 0    | 0   | 1.3  | 0.8 | 0.4 | 1.4  |
| L19067_at      | L19067 | nfkB p65 | TRANSCRIPTION FACTOR P65  | 7.9  | 5.4 | 3.9  | 8.2  | 2.9 | 5.6  | 9   | 1.6 | 2.9  |
| M31642_at      | M31642 | hppt     | HPRT1 Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)   | 5.2  | 5.4 | 6.2  | 2.2  | 0.9 | 0.3  | 2.9 | 2.4 | 7.7  |
| M58597_at      | M58597 | cd15     | FUT4 Fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)  | 2.8  | 5.4 | 5.3  | 3.7  | 9.3 | 10.4 | 0.8 | 3.3 | 11.4 |
| U83115_at      | U83115 | aim1     | Non-lens beta gamma-crystallin like protein (AIM1) mRNA, partial cds  | 8.1  | 5.4 | 19.3 | 1.4  | 1.4 | 0.7  | 1.7 | 0.5 | 4.8  |
| HG4322         | HG4322 | tubulinB | Tubulin, Beta   | 18.5 | 5.3 | 13.1 | 9.4  | 3.2 | 6.8  | 5   | 8.9 | 11   |
| HT4592_at      | HT4592 | sat      | Spermidine/spermine N1-acetyltransferase (SSAT) gene  | 9.1  | 5.3 | 12.1 | 10.6 | 4.8 | 9.8  | 6.3 | 4.1 | 8.1  |
| D50926_at      | D50926 |          | KIAA0136 gene, partial cds  | 1.9  | 5.2 | 4.5  | 1.7  | 6   | 5.1  | 1.3 | 1.6 | 6.4  |
| HG658          | HG658  |          | Major Histocompatibility Complex, Class I, C (Gb:X58536)  | 7.3  | 5.2 | 2.3  | 6.2  | 3.5 | 5.9  | 2.5 | 2.1 | 1.1  |
| HT658_f at     | HT658  | hlac     |   | 2.4  | 5.2 | 3.1  | 7    | 5.3 | 1.2  | 1.8 | 1.5 | 2.3  |
| M20566_at      | M20566 | il6r     | IL6R Interleukin 6 receptor   |      |     |      |      |     |      |     |     |      |

Figure 1P

|                |        |            |   |      |     |      |      |      |      |     |      |       |
|----------------|--------|------------|---|------|-----|------|------|------|------|-----|------|-------|
| M62403_s_at    | M62403 | igfbp4     | IGFBP4 Insulin-like growth factor-binding protein 4             | 15.9 | 5.2 | 32.7 | 61.8 | 17.5 | 37.9 | 6.8 | 9.1  | 104.6 |
| U46023_at      | U46023 | cxorf6     | Xq28 mRNA   | 3.6  | 5.2 | 15   | 0    | 2.4  | 5.6  | 1   | 1    | 1.5   |
| X72755_at      | X72755 | mig        | Hmrig mRNA  | 3.2  | 5.2 | 68.3 | 59.4 | 52.3 | 58.6 | 1.6 | 77.5 | 128.6 |
| Z24725_at      | Z24725 |            | Mitogen inducible gene mig.2                                    | 4.8  | 5.2 | 17.8 | 0    | 0.4  | 6.2  | 0.1 | 0.9  | 1.8   |
| M31551_s_at    | M31551 | pai2       | PAI2 Plasminogen activator inhibitor, type II (arginine-serpin) | 1.3  | 5.1 | 94.7 | 0    | 0    | 0    | 0   | 0    | 0     |
| M93425_at      | M93425 | ptpg1      | PTPN12 Protein tyrosine phosphatase, non-receptor type 12       | 8.4  | 5.1 | 3.3  | 2.5  | 5.1  | 2.3  | 1.3 | 2.4  | 1     |
| U39412_at      | U39412 | snapa      | Platelet alpha SNAP mRNA  | 2.8  | 5.1 | 8.6  | 2.5  | 7.1  | 3.1  | 4.1 | 1.7  | 9.8   |
| D28124_at      | D28124 | d1s1733e   | Unknown product   | 7.1  | 5   | 14.7 | 25.1 | 5.2  | 12   | 2.6 | 1.1  | 3.3   |
| J05582_s_at    | J05582 | muc1       | MUC1 Mucin 1, transmembrane                                     | 3.6  | 5   | 16.9 | 2.3  | 1.8  | 5.3  | 2.9 | 4.8  | 20.5  |
| L20941_at      | L20941 | fth1       | FTH1 Ferritin heavy chain                                       | 4    | 5   | 2.1  | 1.5  | 0.4  | 1.8  | 2.9 | 4.3  | 1.4   |
| U51478_at      | U51478 | atp1b3     | Sodium/potassium-transporting ATPase beta-3 subunit mRNA        | 8.2  | 5   | 7.3  | 5.6  | 3.8  | 4.3  | 1.4 | 2.6  | 5.1   |
| V00572_at      | V00572 | pgk1       | PGK1 Phosphoglycerate kinase 1                                  | 9.5  | 5   | 3.1  | 1.6  | 2.8  | 1.2  | 0.6 | 0.7  | 1.5   |
| M83221_at      | M83221 | nfkb relB  | TRANSCRIPTION FACTOR RELB                                       | 6.8  | 4.9 | 7.6  | 2.9  | 0.4  | 2.3  | 3.4 | 0.5  | 5.5   |
| X02152_at      | X02152 | ldh1       | LDHA Lactate dehydrogenase A                                    | 4.8  | 4.9 | 3    | 1.4  | 3.6  | 1    | 1.3 | 1.1  | 1.6   |
| J03191_at      | J03191 | pfn1       | Profilin mRNA   | 2.3  | 4.8 | 1.4  | 1.4  | 3.7  | 0.8  | 1.1 | 0.8  | 1     |
| L11284_at      | L11284 | mapkk1     | DUAL SPECIFICITY MITOGEN ACTIVATED PROTEIN KINASE 1             | 12.8 | 4.8 | 4.4  | 1.3  | 2.2  | 1.6  | 1.4 | 0.6  | 1.4   |
| M19989_cds2_at | M19989 | pdgfra     | Platelet-derived growth factor (PDGFA) A chain gene             | 10.8 | 4.8 | 4.3  | 1    | 2.9  | 0    | 4   | 0.9  | 1.5   |
| M64571_at      | M64571 | map4       | MAP4 Microtubule-associated protein 4                           | 4.3  | 4.8 | 8.1  | 0.9  | 0.6  | 0.6  | 2   | 7.5  | 8.9   |
| U59752_at      | U59752 | sec7p-like | Sec7p-like protein mRNA, partial cds                            | 2.8  | 4.8 | 3.3  | 0.3  | 2.6  | 0    | 0.7 | 0.8  | 1.3   |
| D25274_at      | D25274 | rac1       | Randomly sequenced mRNA   | 2.9  | 4.7 | 9    | 3.6  | 1.9  | 8.3  | 0.7 | 1.2  | 7.8   |
| D49824_s_at    | D49824 | hla-b      | HLA-B null allele mRNA  | 5    | 4.7 | 2    | 5    | 3.8  | 3.7  | 1.2 | 0.5  | 0.8   |
| M16591_s_at    | M16591 | hck        | HCK Hemopoietic cell kinase                                     | 5.5  | 4.7 | 7.4  | 0.9  | 2.3  | 0.3  | 1   | 1    | 1.7   |
| U37547_at      | U37547 | ciap1      | IAP homolog B (MIHB) mRNA                                       | 4.8  | 4.7 | 17.9 | 3.7  | 4.7  | 27.3 | 1.1 | 1.7  | 10.7  |
| U67319_at      | U67319 | casp7      | Mch3 isoform alpha (Mch3) mRNA                                  | 1.9  | 4.7 | 12.2 | 3.5  | 2.8  | 6.1  | 3.1 | 6.3  | 13.2  |
| X55740_at      | X55740 | nt5        | NT5 5' nucleotidase (CD73)                                      | 6.9  | 4.7 | 10.1 | 0.4  | 0    | 1.4  | 2.2 | 0.6  | 0.8   |

Figure 1Q

|             |        |        |   |      |     |      |      |      |      |     |      |      |
|-------------|--------|--------|---|------|-----|------|------|------|------|-----|------|------|
| X63131_s_at | X63131 | myl    | PML Probable transcription factor PML   | 6.6  | 4.7 | 4    | 4    | 0.5  | 5.8  | 4.3 | 10.3 | 6.8  |
| X75593_at   | X75593 | rab13  | {alternative products}<br>Rab 13  | 3.2  | 4.7 | 4    | 2.2  | 1.2  | 0    | 1.1 | 2.9  | 1.9  |
| HG2825      | HG2825 |        |   |      |     |      |      |      |      |     |      |      |
| HT2949_at   | HT2949 |        | Ret Transforming Gene   | 2.6  | 4.6 | 3.3  | 0    | 2.8  | 1.3  | 0.2 | 1    | 1.1  |
| U77396_at   | U77396 | litaf  | LPS-Induced TNF-Alpha Factor (LITAF) mRNA   | 6.1  | 4.6 | 8.9  | 1.3  | 4.1  | 0.3  | 1.2 | 4.1  | 3    |
| X89750_at   | X89750 | hpe4   | TGIF protein  | 5.7  | 4.6 | 6.6  | 9.9  | 5    | 5.9  | 1.8 | 2.7  | 5.9  |
| D00763_at   | D00763 | psma4  | GAPD Glyceraldehyde-3-phosphate dehydrogenase   | 6.1  | 4.5 | 3    | 10.5 | 4.3  | 6    | 7   | 11.2 | 3.7  |
| M60721_at   | M60721 | hix1   | Homeobox gene   | 2.5  | 4.5 | 5.4  | 1.1  | 0.9  | 0.7  | 2.2 | 2.4  | 2.4  |
| J04173_at   | J04173 | pgam1  | PGAM1 Phosphoglycerate mutase 1 (brain)   | 3.7  | 4.4 | 4.4  | 4.3  | 3.2  | 4.3  | 1.3 | 4.8  | 2.2  |
| L25081_at   | L25081 | arh9   | ARH9 Aplysia ras-related homolog 9  | 5.3  | 4.4 | 9.1  | 2.2  | 0.3  | 0.8  | 1.1 | 0.3  | 0.9  |
| M88338_at   | M88338 |        | SERUM PROTEIN MSE55   | 8.3  | 4.4 | 5.6  | 1.4  | 4    | 5.9  | 4   | 3.3  | 3.5  |
| M94250_at   | M94250 | mdk    | MDK Midkine (neurite growth-promoting factor 2)   | 2.7  | 4.4 | 20.2 | 1.7  | 0.2  | 4.5  | 0   | 0.1  | 14.1 |
| U05681_s_at | U05681 | bcl3   | Proto-oncogene BCL3 gene  |      | 4.4 | 27.1 | 1    | 1.4  | 9.6  | 1   | 1.7  | 5.2  |
| U28014_at   | U28014 | casp4  | ICH-2 PROTEASE PRECURSOR  | 13.5 | 4.4 | 6    | 9.2  | 1.5  | 3.2  | 7.2 | 7.2  | 6.8  |
| M37583_at   | M37583 | h2az   | H2AZ H2AZ histone   | 5.1  | 4.3 | 2.9  | 5.2  | 6.1  | 1.7  | 1.3 | 0.4  | 0.4  |
| M63379_at   | M63379 | cli    | GLU Clusterin (complement lysis inhibitor; testosterone-repressed prostate message 2; apolipoprotein J) |      |     |      |      |      |      |     |      |      |
| M94880_f_at | M94880 | hla-a  | HLA-A MHC class I protein HLA-A (HLA-A28; B40, Cw3)   | 6.4  | 4.3 | 84.1 | 0.4  | 2    | 12.1 | 1.1 | 1.6  | 19.6 |
| U32944_at   | U32944 | dic1   | Cytoplasmic dynein light chain 1 (hdic1) mRNA   | 2.9  | 4.3 | 2.6  | 3.4  | 3    | 2.4  | 1   | 0.2  | 1.4  |
| D00760_at   | D00760 | hsc3   | PSMA3 Proteasome component C3   | 9.4  | 4.2 | 8.6  | 8    | 5.4  | 3.7  | 1.4 | 4.6  | 12.4 |
| M22976_at   | M22976 | cyb5   | CYB5 Cytochrome b-5   | 2.9  | 4.2 | 2    | 5.5  | 30.2 | 4.6  | 1.7 | 2.1  | 5.6  |
| M28983_at   | M28983 | il1a   | IL1A Interleukin 1, alpha   | 5.1  | 4.2 | 17.4 | 0.9  | 0.4  | 5.3  | 0.9 | 0    | 3.6  |
| M97287_at   | M97287 | satb1  | SATB1 Special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNAs)    | 5.1  | 4.2 | 3.3  | 0.2  | 2.1  | 8.1  | 2   | 0.6  | 4.7  |
| U09825_at   | U09825 | znf173 | ZNF173 Acid finger protein ZNF173   | 2.3  | 4.2 | 4.7  | 9    | 8.9  | 14.3 | 0.8 | 1.4  | 4.2  |

Figure 1R



|                 |        |             |   |     |     |      |      |      |      |     |     |      |
|-----------------|--------|-------------|---|-----|-----|------|------|------|------|-----|-----|------|
| U49869_rnal_at_ | U49869 |             | Ubiquitin gene  | 1.9 | 4.2 | 2.4  | 0.8  | 0.9  | 4.2  | 5.1 | 0.8 | 0.9  |
| X98482_r_at_    | X98482 | tnnt2       | TNNT2 gene exon 11 troponin                             | 3.7 | 4.2 | 2.1  | 0.8  | 3.7  | 1.5  | 0.6 | 1.1 | 1    |
| Z48950_at_      | Z48950 | h3f3b       | HISTONE H3.3  | 7.2 | 4.2 | 3.8  | 11.2 | 6.5  | 7    | 1.6 | 0.7 | 1.9  |
| D79984_s_at_    | D79984 | supt6h      | KIAA0162 gene   | 4.4 | 4.1 | 2.3  | 1.7  | 0.6  | 0    | 2.2 | 0.7 | 2.9  |
| L76517_at_      | L76517 | ad3         | (clone cc44) senilin 1 (PS1; S182) mRNA                 | 2.4 | 4.1 | 2.6  | 2.6  | 2.4  | 1.4  | 1.9 | 2.2 | 2.3  |
| U36601_at_      | U36601 | ncst2       | Heparan N-deacetylase/N-sulfotransferase-2 mRNA         | 3.3 | 4.1 | 11.2 | 0    | 0.5  | 0    | 0   | 0   | 3.2  |
| U46571_at_      | U46571 | tp2         | Tetrahicopeptide repeat protein (tp2) mRNA              | 2   | 4   | 2.8  | 1.9  | 0.6  | 0    | 2.9 | 3.1 | 0.4  |
| D13630_at_      | D13630 |             | KIAA0005 gene   | 6.1 | 3.9 | 4.7  | 3    | 3.2  | 2.6  | 1.1 | 1.8 | 4.5  |
| M59815_at_      | M59815 | c4a         | C4A Complement component 4A                             | 5.1 | 3.9 | 2.4  | 6    | 2.2  | 2.2  | 0.5 | 1.8 | 3    |
| U41654_at_      | U41654 |             | RagA protein  | 2.8 | 3.9 | 6.5  | 1.8  | 1.5  | 0    | 1.5 | 1.8 | 5.5  |
| U57971_s_at_    | U57971 | atp2b3      | Calcium ATPase isoform 3x/a mRNA                        | 5   | 3.9 | 1.9  | 1.5  | 4.5  | 1.6  | 0   | 1   | 0.9  |
| U77735_at_      | U77735 | pim2        | Pim-2 protooncogene homolog pim-2h mRNA                 | 2.6 | 3.9 | 10.2 | 0    | 0.8  | 3.2  | 2.8 | 1.1 | 1.4  |
| D90209_at_      | D90209 | atf4        | ATF4 CAMP-dependent transcription factor ATF-4 (CREB2)  | 4.5 | 3.8 | 10.5 | 6.2  | 1.7  | 5.4  | 1.8 | 5.1 | 8.4  |
| U65416_s_at_    | U65416 | micb        | MHC class I molecule (MICB) gene                        | 2.9 | 3.8 | 9.3  | 5    | 13.2 | 24.7 | 1.4 | 2.5 | 9.5  |
| Z24724_at_      | Z24724 |             | PolyA site DNA  | 11  | 3.8 | 5.4  | 4.5  | 2.4  | 0.7  | 2.7 | 1.5 | 4.4  |
| HG1102_         | HG1102 |             |   |     |     |      |      |      |      |     |     |      |
| HT1102_at_      | HT1102 | ras-related | Ras-Related C3 Botulinum Toxin Substrate                | 1.9 | 3.7 | 13.4 | 1.8  | 1.2  | 4.1  | 4   | 2.1 | 10.9 |
| HG2238_         | HG2238 |             |   |     |     |      |      |      |      |     |     |      |
| HT2321_s_at_    | HT2321 | nmap1       | Nuclear Mitotic Apparatus Protein 1, Alt. Splice Form 2 | 3.3 | 3.7 | 3    | 0.3  | 1.9  | 1.5  | 1.1 | 0.8 | 0.2  |
| J05008_at_      | J05008 | edn1        | EDN1 Endothelin 1 (alternative products)                | 4.4 | 3.7 | 67   | 12.2 | 0.6  | 1.7  | 0.8 | 0   | 4.7  |
| L09604_at_      | L09604 |             | INTESTINAL MEMBRANE A4 PROTEIN                          | 2.1 | 3.7 | 1.9  | 0.5  | 3.5  | 1.3  | 0.8 | 0.9 | 0.4  |
| M58028_at_      | M58028 | alst        | UBE1 Ubiquitin activating enzyme E1                     | 4.3 | 3.7 | 6.7  | 1.1  | 2    | 0.3  | 0.2 | 1.2 | 2.2  |
| U34877_at_      | U34877 | blvra       | Blivardin-Xalpha reductase mRNA                         | 5   | 3.7 | 4.7  | 1    | 0.9  | 0    | 0.3 | 1.4 | 2.4  |
| U48296_at_      | U48296 | ptp4a1      | Protein tyrosine phosphatase PTPCAAX1 (hPTPCAAX1) mRNA  | 2.4 | 3.7 | 14   | 2.8  | 3.2  | 14.7 | 2   | 2.3 | 6.9  |

Figure 1S

|                   |        |           |  |      |     |       |      |     |      |     |      |      |
|-------------------|--------|-----------|--|------|-----|-------|------|-----|------|-----|------|------|
| U67963_at_        | U67963 | huk5      | Lysophospholipase homolog (HU-K5) mRNA   | 2    | 3.7 | 16.6  | 0    | 2.8 | 2.6  | 6   | 3.1  | 17.3 |
| U77180_at_        | U77180 | mip3b/elc | EBI1-ligand chemokine  | 12.5 | 3.7 | 233.2 | 0.6  | 0   | 30.8 | 0.5 | 20.7 | 32.7 |
| J00105_s_at_      | J00105 | b2m       | BETA-2-MICROGLOBULIN PRECURSOR   | 5.7  | 3.6 | 3.8   | 5    | 5.2 | 6.5  | 1.7 | 0.8  | 1.7  |
| M29064_at_        | M29064 | hnrapa2b1 | HNRA2B1 Heterogeneous nuclear ribonucleoprotein A2/B1  | 2.2  | 3.6 | 2.5   | 5.2  | 3.1 | 5.1  | 0.8 | 1.3  | 2.9  |
| M60278_at_        | M60278 | dtr       | DTR Diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor)                                   | 2.4  | 3.6 | 2.1   | 0.3  | 1.2 | 0.9  | 4.4 | 0.4  | 3    |
| M60483_rna1_s_at_ | M60483 | ppp2ca    | Protein phosphatase-2A catalytic subunit-alpha gene extracted from Human protein phosphatase 2A catalytic subunit-alpha gene | 2    | 3.6 | 6.4   | 4.7  | 1.1 | 3.4  | 0.7 | 1.6  | 2.9  |
| U01691_s_at_      | U01691 | annexinV  | Annexin V (ANX5) gene, 5'-untranslated region  | 8    | 3.6 | 4.3   | 6.2  | 6   | 2.2  | 1.8 | 0.1  | 1.7  |
| U27460_at_        | U27460 | ugp2      | Uridine diphosphoglucose pyrophosphorylase mRNA  | 2.1  | 3.6 | 3.3   | 0.9  | 2.1 | 1    | 1.8 | 1.9  | 2.5  |
| M16342_at_        | M16342 |           | HnRNP C2 protein mRNA  | 2.6  | 3.5 | 4.3   | 2.5  | 2.6 | 1.9  | 1.6 | 0.9  | 4.8  |
| M29536_at_        | M29536 |           | Translational initiation factor 2 beta subunit (eIF-2 beta) mRNA   | 3.8  | 3.5 | 13.5  | 2.4  | 0.5 | 1.6  | 0.5 | 2.2  | 9.1  |
| U16306_at_        | U16306 | cspg2     | CSPG2 Chondroitin sulfate proteoglycan 2 (versican)  | 4.3  | 3.5 | 36.8  | 1.7  | 0.6 | 18.1 | 0.3 | 0.1  | 2.7  |
| U33053_at_        | U33053 | pak1      | Lipid-activated protein kinase PRK1 mRNA   | 2.6  | 3.5 | 3.2   | 0.4  | 0.7 | 0    | 0.6 | 0    | 3    |
| L43579_s_at_      | L43579 |           | L43579 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone 110298, mRNA sequence   | 2.8  | 3.4 | 2.2   | 0    | 3.5 | 1.2  | 0   | 1.4  | 0.8  |
| M14328_s_at_      | M14328 | eno1      | ENO1 Enolase 1, (alpha)  | 4.4  | 3.4 | 1.5   | 0.8  | 0   | 2    | 1.1 | 1.6  | 1    |
| M28713_at_        | M28713 | dia1      | NADH-CYTOCHROME B5 REDUCTASE   | 2.7  | 3.4 | 2.4   | 3.2  | 0.4 | 0    | 2.9 | 1.1  | 1.5  |
| M62505_at_        | M62505 | c5ar      | C5R1 Complement component 5 receptor 1 (C5a ligand)  | 3.6  | 3.4 | 5.8   | 13.3 | 3.7 | 6.8  | 2.7 | 1.4  | 7.1  |
| Z17227_at_        | Z17227 | il10rb    | CRFB4 Cytokine receptor family II, member 4  | 1.9  | 3.4 | 3.7   | 3.1  | 1.2 | 1.7  | 3.3 | 2.1  | 1.7  |
| L12723_at_        | L12723 | hspa4     | HSPA4 Heat shock 70KD protein 4  | 1.9  | 3.3 | 2.3   | 0.5  | 6.2 | 0    | 0.9 | 0    | 1.5  |

Figure 1T

|                |          |         |  |     |     |      |      |      |      |      |     |      |
|----------------|----------|---------|--|-----|-----|------|------|------|------|------|-----|------|
| M16279_at      | M16279   | cd99    | MIC2 Antigen identified by monoclonal antibodies 12E7, F21 and O13                     | 2.3 | 3.3 | 3.7  | 0.7  | 1.1  | 1.6  | 0.7  | 0.3 | 2.3  |
| M74002_at      | M74002   |         | Arginine-rich nuclear protein mRNA   | 2   | 3.3 | 3.4  | 2.2  | 1.5  | 0.6  | 4    | 1   | 2.4  |
| U40223_at      | U40223   |         | Uridine nucleotide receptor (UNR) gene   | 3.9 | 3.3 | 1.7  | 1    | 2.5  | 1.8  | 0.6  | 3.1 | 0.6  |
| U57342_at      | U57342   | mlf2    | Myelodysplasia/myeloid leukemia factor 2 (MLF2) mRNA                                   | 3   | 3.3 | 3.1  | 0.5  | 1.5  | 0    | 1.1  | 0   | 1.8  |
| X12447_at      | X12447   | aldoa   | ALDOA Aldolase A   | 1.9 | 3.3 | 1.7  | 0.2  | 2.3  | 2.1  | 0.2  | 0.8 | 1    |
| D10522_at      | D10522   | macs    | MACS Myristoylated alanine-rich C-kinase substrate                                     | 4   | 3.2 | 10.3 | 4.7  | 1.9  | 2.9  | 2.3  | 3.2 | 5.1  |
| HG2279         | HG2279   |         |  |     |     |      |      |      |      |      |     |      |
| HT2375_at      | HT2375   | tpi     | Triosephosphate isomerase  | 5   | 3.2 | 3.1  | 0    | 0.1  | 0.6  | 0.6  | 0.9 | 0.5  |
| U68494_at      | U68494   |         | Hbc647 mRNA sequence   | 4.6 | 3.2 | 2.7  | 9.2  | 10.5 | 20.1 | 1    | 1.3 | 6    |
| U77643_at      | U77643   | k12     | K12 protein precursor mRNA   | 3   | 3.2 | 35.9 | 3.4  | 1.1  | 11.4 | 17.4 | 9.4 | 63.3 |
| U93205_at      | U93205   | ncc27   | Nuclear chloride ion channel protein (NCC27) mRNA                                      | 2.7 | 3.2 | 2.2  | 5    | 4.8  | 1.6  | 0.4  | 3.6 | 2.2  |
| AB003102_at    | AB003102 | psmd11  | Proteasome subunit p44.5   | 3.8 | 3.1 | 3.1  | 2.4  | 4.5  | 0.7  | 2.6  | 2.1 | 1.1  |
| D30655_at      | D30655   | EIF4A2  | EIF4A2 Eukaryotic translation initiation factor 4A (eIF-4A) isoform 2                  | 2   | 3.1 | 2.4  | 1.6  | 4.1  | 3.7  | 1.8  | 0.3 | 2.1  |
| K02574_at      | K02574   | np      | NP Nucleoside phosphorylase  | 5.6 | 3.1 | 8.9  | 2.5  | 3.5  | 4.4  | 1.4  | 1.2 | 1.8  |
| M57506_rna1_at | M57506   | i309    | SCYA1 gene (secreted protein I-309) extracted from Human secreted protein (I-309) gene | 2.3 | 3.1 | 91.6 | 0.3  | 0.6  | 4.6  | 0    | 0   | 1    |
| M80254_at      | M80254   |         | PEPTIDYL-PROLYL CIS-TRANS ISOMERASE, MITOCHONDRIAL PRECURSOR                           | 2.6 | 3.1 | 4.2  | 0.4  | 2.6  | 0.7  | 0.7  | 0   | 1.9  |
| M80783_at      | M80783   | tnfrsf1 | B12 protein mRNA   | 2.1 | 3.1 | 20   | 0    | 0.9  | 4.7  | 0.8  | 0   | 9.5  |
| U30255_at      | U30255   | pgd     | PGD Phosphogluconate dehydrogenase   | 6.4 | 3.1 | 6    | 0.9  | 6.6  | 0.4  | 1.2  | 1   | 2.7  |
| X76228_at      | X76228   | atp6e   | ATP6E ATPase, H+ transporting, lysosomal (vacuolar proton pump) 31kD                   | 3.7 | 3.1 | 3.7  | 0.8  | 1.4  | 0    | 1.2  | 2.1 | 11.8 |
| Z49107_s_at    | Z49107   | lgals9  | Galectin   | 6.1 | 3.1 | 2.6  | 17.1 | 12.1 | 3.7  | 2.7  | 5.7 | 4.6  |
| L25085_at      | L25085   |         | PROTEIN TRANSPORT PROTEIN SEC61 BETA SUBUNIT   | 1.9 | 3   | 12.3 | 1.5  | 2.2  | 0    | 1.1  | 2.7 | 5.9  |
| M34677_at      | M34677   | dxs522e | FACTOR VIII INTRON 22 PROTEIN  | 8.5 | 3   | 4    | 7    | 14.8 | 0    | 0.2  | 1.3 | 2.4  |

Figure 1U

|             |          |           |   |     |     |      |     |     |     |     |     |      |
|-------------|----------|-----------|---|-----|-----|------|-----|-----|-----|-----|-----|------|
| M59371_at   | M59371   | eck       | TYROSINE-PROTEIN KINASE RECEPTOR ECK                                | 1.3 | 3   | 5.3  | 2.4 | 2.2 | 5.5 | 1.1 | 1.4 | 2.3  |
| M84332_at   | M84332   | arf1      | PRECURSOR<br>ARF1 ADP-ribosylation factor 1                         | 2.1 | 3   | 2.9  | 2.3 | 5.2 | 1   | 1.6 | 3.2 | 0.5  |
| U16799_s_at | U16799   | atp1b1    | Na,K-ATPase beta-1 subunit mRNA                                     | 7.1 | 3   | 8.1  | 5.7 | 1.9 | 0   | 2.2 | 3   | 5.9  |
| U56402_s_at | U56402   | spt5h     | Chromatin structural protein homolog<br>(SUPT5H) mRNA               | 2.9 | 3   | 5    | 5.5 | 5.2 | 3   | 1.1 | 0.1 | 7.6  |
| U90313_at   | U90313   |           | Glutathione-S-transferase homolog mRNA                              | 4.1 | 3   | 3.7  | 2.9 | 0.9 | 0   | 1.8 | 3.9 | 4.6  |
| U96915_at   | U96915   | sin3      | Sin3 associated polypeptide p18 (SAP18)<br>mRNA                     | 3.3 | 3   | 5.4  | 1.2 | 5.9 | 7.4 | 1.2 | 4.2 | 7.2  |
| X17042_at   | X17042   | prg       | PRG1 Proteoglycan 1, secretory granule                              | 6.1 | 3   | 3.4  | 4.2 | 1.6 | 4.4 | 2.9 | 3.3 | 1.5  |
| X65873_at   | X65873   | kit5b     | KINESIN HEAVY CHAIN   | 2.8 | 3   | 2.2  | 0.8 | 2.5 | 0.7 | 0.9 | 1.1 | 1.8  |
| X81198_at   | X81198   | arcn1     | COATOMER DELTA SUBUNIT  | 1.9 | 3   | 2.6  | 2.4 | 3   | 2.5 | 0.7 | 0.9 | 1.4  |
| Z19554_s_at | Z19554   | vim       | VIM Vimentin  | 2.5 | 3   | 1.6  | 3.5 | 3.7 | 2.1 | 1.4 | 0.6 | 1.2  |
| Z25521_s_at | Z25521   | cd47      | Integrin associated protein mRNA,                                   | 4.7 | 3   | 3.9  | 5.5 | 4.1 | 1.1 | 1.4 | 1.4 | 5.6  |
| AB004884_at | AB004884 | pkua      | PKU-alpha, partial cds  | 2   | 2.9 | 9.5  | 1.2 | 3.3 | 7.7 | 1.8 | 0.8 | 8.5  |
| D63134_at   | D63134   |           | ETS-like 30 kDa protein   | 8.8 | 2.9 | 41.5 | 6.1 | 1.9 | 0   | 0   | 1.5 | 12.4 |
| D87673_at   | D87673   | hsf4      | Heat shock transcription factor 4                                   | 4.8 | 2.9 | 7.1  | 1.4 | 2.3 | 3.9 | 0.7 | 0   | 3.7  |
| HG4683      | HG4683   |           | Tumor Necrosis Factor Receptor 2 Associated<br>Protein Trap3        |     |     |      |     |     |     |     |     |      |
| HT5108_s_at | HT5108   | traf2     | (clone EST02946) mRNA   | 3.2 | 2.9 | 1.5  | 3   | 1.8 | 0   | 0.5 | 2.5 | 2.7  |
| L43576_at   | L43576   |           | FCGR2A Fc fragment of IgG, low affinity IIa,<br>receptor for (CD32) | 2.1 | 2.9 | 17.1 | 1.4 | 4.8 | 5.7 | 0   | 1   | 6.5  |
| M31932_at   | M31932   | fcgr2a    |   | 9.2 | 2.9 | 2.3  | 1.2 | 2.9 | 0.5 | 1   | 1   | 0.4  |
| M96995_s_at | M96995   | grb2      | GRB2 Growth factor receptor-bound protein 2                         | 5.3 | 2.9 | 3.6  | 2.2 | 3.1 | 0   | 1   | 1.2 | 2.1  |
| U07139_at   | U07139   |           | CAB3b mRNA for calcium channel beta3<br>subunit                     | 2   | 2.9 | 5.3  | 0   | 0.1 | 4.6 | 0   | 0.3 | 0.2  |
| X05908_at   | X05908   | anxa1     | ANX1 Annexin I (lipocortin I)                                       | 5.2 | 2.9 | 6.4  | 7.5 | 5.6 | 5.2 | 2.8 | 0.4 | 3.6  |
| X07619_s_at | X07619   | cyp450db1 | Cytochrome P450 db1 variant b                                       | 8.8 | 2.9 | 8.2  | 0   | 7.3 | 2.4 | 4.2 | 0.2 | 1.3  |

Figure 1V

|             |        |         |  |  |      |     |      |     |     |      |     |     |      |
|-------------|--------|---------|--|--|------|-----|------|-----|-----|------|-----|-----|------|
| X66534_at   | X66534 | gucl1a3 | GUANYLATE CYCLASE SOLUBLE, ALPHA 3   | CHAIN  | 2.3  | 2.9 | 12.5 | 0.3 | 0.4 | 6.8  | 0   | 1   | 5    |
| X66899_at   | X66899 | ews     | EWSR1 Ewing sarcoma breakpoint region 1  | EWSR1 Ewing sarcoma breakpoint region 1  | 4.9  | 2.9 | 7.5  | 7.3 | 1.3 | 4.2  | 2.3 | 4.4 | 9.7  |
| HG1322      | HG1322 |         | Small Nuclear Ribonucleoprotein, Polypeptide C, Alt. Splice 2                          | Small Nuclear Ribonucleoprotein, Polypeptide C, Alt. Splice 2                          | 3    | 2.8 | 4.8  | 4.1 | 2.2 | 2.2  | 1.4 | 1   | 4.5  |
| HT5143_s_at | HT5143 |         | Nuclear Factor NF-IL6  | Nuclear Factor NF-IL6  | 11.4 | 2.8 | 3.1  | 8.9 | 1   | 0    | 2.6 | 1.6 | 2.9  |
| HG3494      | HG3494 | nfil6   | VDR Vitamin D (1,25-dihydroxyvitamin D3) receptor                                      | VDR Vitamin D (1,25-dihydroxyvitamin D3) receptor                                      | 9.1  | 2.8 | 2.6  | 1.3 | 1.3 | 0    | 1.6 | 1.7 | 1.2  |
| HT3688_at   | HT3688 | vdr     | STAT3 Signal transducer and activator of transcription 3 (acute-phase response factor) | STAT3 Signal transducer and activator of transcription 3 (acute-phase response factor) | 6.4  | 2.8 | 21.5 | 1.5 | 7.1 | 2.2  | 1.3 | 1   | 8.1  |
| J03258_at   | J03258 | stat3   | DAF Decay accelerating factor for complement (CD55, Cromer blood group system)         | DAF Decay accelerating factor for complement (CD55, Cromer blood group system)         | 21.8 | 2.8 | 3.3  | 4.7 | 1.1 | 8.2  | 0.7 | 0.7 | 0.8  |
| L29277_at   | L29277 | daf     | PAM Peptidylglycine alpha-amidating monooxygenase                                      | PAM Peptidylglycine alpha-amidating monooxygenase                                      | 3.1  | 2.8 | 11.4 | 0   | 0   | 0    | 2.4 | 0.4 | 11.8 |
| M31516_s_at | M31516 | pam     | NF-H gene, exon 1 (and joined CDS)   | NF-H gene, exon 1 (and joined CDS)   | 8    | 2.8 | 36.6 | 0   | 1   | 0    | 2.3 | 1.3 | 0    |
| M37721_at   | M37721 | neth    | RSN Restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)    | RSN Restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)    | 5.4  | 2.8 | 11.1 | 1.3 | 2.2 | 4.2  | 0.2 | 2.9 | 9.8  |
| X15306_at   | X15306 | rsn     | Proteasome subunit Hsc70-1   | Proteasome subunit Hsc70-1   | 4.2  | 2.7 | 4.9  | 2.2 | 2.8 | 2    | 1.6 | 4   | 4.1  |
| X64838_at   | X64838 | psmb2   | Fk506-Binding Protein, Alt. Splice 2   | Fk506-Binding Protein, Alt. Splice 2   | 1.4  | 2.7 | 2.9  | 0.4 | 0.1 | 0.7  | 0.6 | 4.2 | 3    |
| D26599_at   | D26599 |         | Transcriptional Coactivator Pc4  | Transcriptional Coactivator Pc4  | 2.6  | 2.7 | 4.8  | 6.4 | 4.5 | 6.3  | 2.5 | 4.3 | 9.5  |
| HG1139      | HG1139 | TCP4    | Thyroid receptor interactor (TRIP7) mRNA, 3' end of cds                                | Thyroid receptor interactor (TRIP7) mRNA, 3' end of cds                                | 11.6 | 2.7 | 11.1 | 2.3 | 0.9 | 0.7  | 1.3 | 4.2 | 10   |
| HT4910_at   | HT4910 | trip7   | Inhibitor of apoptosis protein 1 mRNA  | Inhibitor of apoptosis protein 1 mRNA  | 2.6  | 2.7 | 19.1 | 0   | 0.4 | 10.9 | 1.9 | 7.1 | 13.1 |
| HG4297      | HG4297 | ciap2   | Osteoclast stimulating factor mRNA   | Osteoclast stimulating factor mRNA   | 4.4  | 2.7 | 9.7  | 0   | 0.5 | 0    | 1.8 | 0   | 4.9  |
| HT4567_at   | HT4567 | ostf1   | PGF Placental growth factor, vascular endothelial growth factor-related protein        | PGF Placental growth factor, vascular endothelial growth factor-related protein        | 1.2  | 2.7 | 3.3  | 0.7 | 0.2 | 0.7  | 0.3 | 1.9 | 0.4  |
| L40357_at   | L40357 | pgf     |  |  |      |     |      |     |     |      |     |     |      |
| U45878_s_at | U45878 |         |  |  |      |     |      |     |     |      |     |     |      |
| U63717_at   | U63717 |         |  |  |      |     |      |     |     |      |     |     |      |
| X54936_at   | X54936 |         |  |  |      |     |      |     |     |      |     |     |      |

Figure 1W

|              |          |           |  |      |     |      |      |      |      |     |      |      |
|--------------|----------|-----------|--|------|-----|------|------|------|------|-----|------|------|
| X61587_at_   | X61587   | rhoG      | ARHG Ras homolog gene family, member G (rho G)               | 3.3  | 2.7 | 7.6  | 2.2  | 0.9  | 0.2  | 0.9 | 1.8  | 1.6  |
| X91257_at_   | X91257   |           | SERYL-TRNA SYNTHETASE  | 0.7  | 2.7 | 12.2 | 0.4  | 0    | 0    | 1.4 | 1    | 6.2  |
| X95325_s_at_ | X95325   | csda      | DNA-BINDING PROTEIN A  | 37.7 | 2.7 | 7.2  | 1.7  | 1.1  | 0.5  | 1.7 | 1.7  | 0    |
| HG2639_      |          |           |  |      |     |      |      |      |      |     |      |      |
| HT2735_s_at_ | HG2639_  |           | Single-Stranded Dna-Binding Protein Mssp.1                   | 8.3  | 2.6 | 2.5  | 9    | 5    | 2.3  | 1   | 1.1  | 3.8  |
| J04543_at_   | HT2735   | anxa7     | ANX7 Annexin VII (synexin)                                   | 5    | 2.6 | 5.7  | 0.2  | 2.3  | 0.5  | 1.5 | 1.7  | 5    |
| L09229_s_at_ | L09229   | fac1l     | FACL1 Long chain fatty acid acyl-coA ligase                  | 4.4  | 2.6 | 13.7 | 0.9  | 5.6  | 8.2  | 0.6 | 1.2  | 13.8 |
| U07802_at_   | U07802   | erf2      | ERF-2 mRNA   | 0    | 2.6 | 2.2  | 6.4  | 11.3 | 21.6 | 0.7 | 0.1  | 0    |
| U07806_s_at_ | U07806   | top1      | TOP1 DNA topoisomerase I                                     | 3.4  | 2.6 | 4.8  | 4.2  | 2.3  | 1.9  | 0   | 1.4  | 3.1  |
| U22028_r_at_ | U22028   |           | Cytochrome P450 (CYP2A13) gene                               | 0.9  | 2.6 | 4    | 0    | 6.3  | 10.2 | 9.9 | 0    | 3.6  |
| U52101_at_   | U52101   | emp3      | YMP mRNA   | 1.7  | 2.6 | 5.5  | 4.9  | 8.7  | 4.5  | 0.9 | 2.4  | 4    |
| U52518_at_   | U52518   | grb2-rel  | Grb2-related adaptor protein (Grap) mRNA                     | 5.5  | 2.6 | 12.8 | 4.4  | 2.1  | 1.8  | 1.4 | 0    | 5.5  |
| X60489_at_   | X60489   | eef1b2    | Elongation factor-1-beta                                     | 0.2  | 2.6 | 0    | 0.5  | 1.4  | 0.3  | 0.9 | 0.5  | 1.1  |
| X75042_at_   | X75042   | nfkB crel | REL V-rel avian reticuloendotheliosis viral oncogene homolog | 3.6  | 2.6 | 6.6  | 2.2  | 4.2  | 5.5  | 0.6 | 1.6  | 9.4  |
| AF006041_at_ | AF006041 | daxx      | Fas-binding protein (DAXX) mRNA, partial cds                 | 2    | 2.5 | 4.7  | 4.1  | 3.6  | 7.8  | 4.2 | 1.6  | 2.8  |
| HG4069_      |          |           |  |      |     |      |      |      |      |     |      |      |
| HT4339_s_at_ | HG4069_  | mcp1      | Monocyte Chemotactic Protein 1                               | 2.9  | 2.5 | 2.8  | 38.4 | 16.9 | 10.3 | 2   | 10.7 | 9.2  |
| HG4336_      | HG4336_  |           | Bactericidal BplGene   | 0    | 2.5 | 0    | 0    | 3.5  | 7.2  | 0   | 0.6  | 0    |
| HT4606_at_   | HT4606   |           |  |      |     |      |      |      |      |     |      |      |
| L42374_s_at_ | L42374   | ppp2r5b   | PP2A B56-beta mRNA   | 1.9  | 2.5 | 2.9  | 0.3  | 1.6  | 0.1  | 0.3 | 0    | 1.6  |
| M59807_at_   | M59807   | nk4       | NATURAL KILLER CELLS PROTEIN 4 PRECURSOR                     | 20.5 | 2.5 | 10.6 | 11.1 | 4.6  | 11.4 | 2.6 | 4.8  | 16.3 |
| U83463_at_   | U83463   | pbp1      | Scaffold protein Pbp1 mRNA                                   | 1.9  | 2.5 | 2.5  | 2.8  | 4.1  | 2.4  | 1.3 | 0.8  | 2.5  |
| X51757_at_   | X51757   | hspa6     | HSPA6 Heat shock 70kD protein 6 (HSP70B')                    | 2.6  | 2.5 | 1.8  | 1.4  | 0.1  | 3.4  | 6.5 | 0.3  | 1.1  |

Figure 1X

|             |          |             |   |      |     |      |     |     |      |     |     |     |
|-------------|----------|-------------|---|------|-----|------|-----|-----|------|-----|-----|-----|
| D00762_at   | D00762   | psma3       | PROTEASOME COMPONENT C8   | 2.8  | 2.4 | 4.2  | 8.2 | 9.2 | 5.2  | 2.9 | 1.7 | 4.2 |
| D26600_at   | D26600   | psmb4       | PROTEASOME BETA CHAIN PRECURSOR   | 3.4  | 2.4 | 2.1  | 2   | 2   | 0    | 0.6 | 0.6 | 1.7 |
| D87446_at   | D87446   |             | KIAA0257 gene, partial cds  | 5.2  | 2.4 | 3.1  | 4.4 | 0.6 | 1.4  | 2   | 2   | 2.7 |
| L13972_at   | L13972   |             | SIAT4A Sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase)  | 3.1  | 2.4 | 1.4  | 1.1 | 1.9 | 2.3  | 0.4 | 0.7 | 4.4 |
| L26247_at   | L26247   | suil1       | RPL3 Ribosomal protein L3   | 3.7  | 2.4 | 4.5  | 2.3 | 2.7 | 2.1  | 1.7 | 2.6 | 2.2 |
| M55998_s_at | M55998   | collagen-a1 | Alpha-1 collagen type I gene, 3' end  | 8.9  | 2.4 | 3.3  | 0.1 | 1.6 | 16.4 | 0   | 0   | 0   |
| M63180_at   | M63180   | tars        | TARS Threonyl-tRNA synthetase   | 3    | 2.4 | 9.8  | 1.3 | 1.8 | 1.6  | 0.5 | 0.9 | 6   |
| M96843_at   | M96843   | id2b        | ID2 Inhibitor of DNA binding 2, dominant negative helix-loop-helix protein  | 14.6 | 2.4 | 1.6  | 3.9 | 0.5 | 1.9  | 2.4 | 3.1 | 3.8 |
| U28386_at   | U28386   |             | RCH1 RAG (recombination activating gene) cohort 1   | 2.8  | 2.4 | 15.4 | 2.6 | 1   | 8.9  | 2.7 | 2.7 | 8.9 |
| U28963_at   | U28963   |             | Gps2 (GPS2) mRNA  | 3.7  | 2.4 | 3.3  | 1.3 | 2.5 | 1.9  | 0.4 | 0.1 | 1.7 |
| X03363_s_at | X03363   | erbB2       | ERBB2 V-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog) | 2.6  | 2.4 | 3.9  | 0   | 1.4 | 0.5  | 0   | 1.2 | 0   |
| Y07909_at   | Y07909   | empl1       | B4B   | 6.1  | 2.4 | 1.8  | 4.2 | 1.6 | 1.4  | 1.4 | 0.8 | 1.7 |
| Y08409_at   | Y08409   | thrsp       | Spot14 gene   | 4.6  | 2.4 | 4.5  | 2.9 | 2.5 | 9.1  | 0   | 0.4 | 1.8 |
| Z49835_s_at | Z49835   | grp58       | PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR  | 2.3  | 2.4 | 2.6  | 3.9 | 3.2 | 2.9  | 0.8 | 0.9 | 4.1 |
| AF001294_at | AF001294 | ipl         | IPL (IPL) mRNA  | 2.6  | 2.3 | 6    | 4.5 | 2.2 | 2.8  | 2.9 | 3.9 | 3.1 |
| D42087_at   | D42087   |             | KIAA0118 gene, partial cds  | 7.1  | 2.3 | 10.9 | 2.8 | 1.6 | 0    | 2   | 3.5 | 8.5 |
| D50532_at   | D50532   | HML2        | Macrophage lectin 2   | 0    | 2.3 | 0    | 0.1 | 1.3 | 0    | 0.7 | 0   | 0.1 |
| L00352_at   | L00352   | ldlr        | LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR  | 21.4 | 2.3 | 9.2  | 5.5 | 2.8 | 0.9  | 1.9 | 7.7 | 4.6 |
| L10343_at   | L10343   | pi3         | PI3 Protease inhibitor 3, skin-derived (SKALP)  | 4.1  | 2.3 | 22.9 | 0.6 | 1.7 | 8.7  | 0.4 | 0   | 1.3 |
| M23254_at   | M23254   | capn2       | CAPN2 Calpain, large polypeptide L2   | 2.2  | 2.3 | 4.4  | 2.4 | 5.5 | 2.3  | 0.7 | 3.1 | 4.6 |
| U47634_at   | U47634   | b-tub4      | TUBB Beta-tubulin   | 3.8  | 2.3 | 2.2  | 2.8 | 2.9 | 4.3  | 1.1 | 0.9 | 0.6 |
| U78798_at   | U78798   | traf6       | TNF receptor associated factor 6 (TRAF6) mRNA   | 4.4  | 2.3 | 5.1  | 0.2 | 2.5 | 0.5  | 0.2 | 0.5 | 4.6 |
| X16706_at   | X16706   | fosl2       | FOS-RELATED ANTIGEN 2   | 8    | 2.3 | 30.2 | 5.3 | 3   | 2.1  | 2.7 | 0   | 0.9 |

Figure 1Y

| X84709_at_        | X84709 | fadd     | Mediator of receptor-induced toxicity   | 1.7  | 2.3 | 2.5  | 2    | 2.1  | 0    | 0.3 | 1   | 3.4  |
|-------------------|--------|----------|---|------|-----|------|------|------|------|-----|-----|------|
| X94754_at_        | X94754 | mars     | Yeast methionyl-tRNA synthetase homologue   | 1.5  | 2.3 | 4.5  | 0    | 0.7  | 0    | 0   | 0.6 | 2.2  |
| D14812_at_        | D14812 |          | KIAA0026 gene   | 1.7  | 2.2 | 5.2  | 3.5  | 2.5  | 6.3  | 0.7 | 1.4 | 2.7  |
| L06132_at_        | L06132 | vdac1    | VDAC1 Voltage-dependent anion channel 1   | 4.4  | 2.2 | 3.2  | 1.7  | 2.5  | 0    | 1.3 | 0.6 | 3.4  |
| M27533_s_at_      | M27533 | cd28lg   | Ig rearranged B7 protein mRNA VC1-region  | 2.6  | 2.2 | 36.8 | 0.4  | 3.8  | 5.5  | 1   | 4.7 | 19.8 |
| X60003_s_at_      | X60003 |          | CAMP-RESPONSE ELEMENT BINDING   | 1.8  | 2.2 | 3.3  | 0.7  | 1.7  | 0.4  | 2.2 | 0.2 | 0.7  |
| X70811_at_        | X70811 | adrb3    | ADRB3 Adrenergic, beta-3-, receptor   | 2.7  | 2.2 | 2.3  | 0.4  | 1.1  | 3.1  | 1.5 | 0.6 | 2.8  |
| HG3417_           | HG3417 |          |   |      |     |      |      |      |      |     |     |      |
| HT3600_s_at_      | HT3600 |          | Gtp Cyclohydrolase I, Alt. Splice 1   | 4.9  | 2.1 | 12.8 | 2.3  | 12.1 | 3.2  | 0.8 | 0.6 | 7.5  |
| M11717_rnal_at_   | M11717 | hspala   | Heat shock protein (hsp 70) gene  | 2.8  | 2.1 | 3    | 9.6  | 3.5  | 2.7  | 1.2 | 2.3 | 1    |
| M85169_at_        | M85169 | d17s81le | Homologue of yeast sec7 mRNA  | 4.1  | 2.1 | 3.7  | 4.4  | 0.8  | 1.6  | 4.6 | 5.5 | 2.3  |
| U14969_at_        | U14969 | rpl28    | Ribosomal protein L28 mRNA  | 1.6  | 2.1 | 1.5  | 2.1  | 2.5  | 2.7  | 0.7 | 0.5 | 1.1  |
| U49020_cds2_s_at_ | U49020 | met2a    | MEF2A gene (myocyte-specific enhancer factor 2A, C9 form) extracted from Human myocyte-specific enhancer factor 2A (MEF2A) gene, first coding |      |     |      |      |      |      |     |     |      |
| U58970_at_        | U58970 | tom34    | Putative outer mitochondrial membrane 34  | 1.7  | 2.1 | 2.5  | 2.8  | 1.7  | 0.7  | 2.4 | 0.8 | 3.5  |
| X07743_at_        | X07743 | plek     | kDa translocase hTOM34 mRNA   | 2.9  | 2.1 | 7.4  | 0    | 0    | 7.6  | 5.6 | 2.7 | 7.7  |
| X80230_at_        | X80230 | cdc214   | PLECKSTRIN  | 9.7  | 2.1 | 5.7  | 13.9 | 10.7 | 2.7  | 3.6 | 1.6 | 5.6  |
| X89985_at_        | X89985 | bcl7b    | mRNA (clone C:2k) mRNA for serine/threonine protein kinase  | 1.6  | 2.1 | 6    | 0.9  | 0.7  | 0    | 1.3 | 0.8 | 5.9  |
| Z25884_at_        | Z25884 | clcn1    | BCL7 B cell lymphoma protein 7B   | 3.2  | 2.1 | 3.2  | 5.7  | 6.5  | 4.3  | 1.9 | 0.3 | 0.9  |
| Z47727_at_        | Z47727 | rbp7     | CIC-1 muscle chloride channel protein   | 3.2  | 2.1 | 1.9  | 0    | 1.4  | 2.7  | 1.6 | 0.1 | 0.5  |
| D14826_s_at_      | D14826 | crem     | RNA polymerase II subunit   | 2.7  | 2.1 | 3.3  | 1.2  | 4.8  | 1.9  | 0.4 | 0.6 | 1.8  |
| D31887_at_        | D31887 |          | CREM CAMP responsive element modulator  | 3.4  | 2   | 6.3  | 13.7 | 7.8  | 50.6 | 5.1 | 1.6 | 7.4  |
| D86961_at_        | D86961 |          | KIAA0062 gene, partial cds  | 3.2  | 2   | 45.2 | 0.4  | 0.6  | 6.8  | 1.2 | 0   | 0.1  |
| L32866_at_        | L32866 | epr1     | KIAA0206 gene, partial cds  | 15.1 | 2   | 9.9  | 19.5 | 4.8  | 1.1  | 1.2 | 2.4 | 3.7  |
|                   |        |          | Effector cell protease receptor-1 (EPR-1) gene, partial cds   | 2.4  | 2   | 2.5  | 0.4  | 2    | 1.2  | 0.2 | 0.6 | 1.9  |

Figure 1Z



|             |        |        |   |     |     |      |     |     |      |     |     |     |
|-------------|--------|--------|---|-----|-----|------|-----|-----|------|-----|-----|-----|
| M10901_at   | M10901 | gcr    | GRL Glucocorticoid receptor   | 1.9 | 2   | 3.9  | 4.2 | 4.7 | 11.5 | 1.2 | 1.5 | 1.4 |
| U73824_at   | U73824 | dap5   | P97 mRNA  | 4.3 | 2   | 2    | 3.5 | 3.4 | 3.2  | 1.3 | 0.8 | 1.8 |
| D83004_at   | D83004 |        | Epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product                                 | 3   | 1.9 | 3.3  | 0.7 | 2.4 | 0.1  | 1.5 | 1.9 | 2.1 |
| M10277_s_at | M10277 | actb   | ACTB Actin, beta  | 2.1 | 1.9 | 2.4  | 0.7 | 1.1 | 6.9  | 1.2 | 1   | 1.1 |
| M27749_r_at | M27749 |        | Immunoglobulin-related 14.1 protein mRNA  | 5.6 | 1.9 | 4.2  | 0   | 0   | 5.6  | 0.5 | 0   | 0.7 |
| U88629_at   | U88629 | ell2   | RNA polymerase II elongation factor ELL2  | 2   | 1.9 | 8.1  | 0   | 1.1 | 1.5  | 0.6 | 0.8 | 1.7 |
| X53416_at   | X53416 | abpx   | FLN1 Filamin 1 (actin-binding protein-280)  | 1.6 | 1.9 | 2.6  | 1.3 | 1.2 | 0    | 0.6 | 0.1 | 1   |
| X59770_at   | X59770 | il1r2  | INTERLEUKIN-1 RECEPTOR, TYPE II PRECURSOR   | 0.5 | 1.9 | 1.2  | 0.9 | 5.3 | 0.4  | 2.3 | 7.1 | 1.2 |
| X80910_at   | X80910 | ppp1cb | PPP1CB Protein phosphatase 1, catalytic subunit, beta isoform   | 2.9 | 1.9 | 2.7  | 0.4 | 1.1 | 1.6  | 0.1 | 0.3 | 1.6 |
| X87838_at   | X87838 | ctnnb1 | CTNNB1 Catenin (cadherin-associated protein), beta 1 (88kD)   | 4.9 | 1.9 | 1.4  | 3.8 | 0.5 | 2    | 2.8 | 1.6 | 0.6 |
| Y08265_s_at | Y08265 |        | DAN26 protein, partial  | 6.4 | 1.9 | 1.6  | 1.7 | 1.7 | 1.1  | 1.1 | 0.3 | 0.5 |
| L38951_at   | L38951 |        | Importin beta subunit mRNA  | 1.9 | 1.8 | 1.7  | 2   | 0.5 | 2.5  | 1.6 | 9.8 | 1.9 |
| U28015_at   | U28015 | casp5  | TY protease   | 2.6 | 1.8 | 16.2 | 3.4 | 10  | 23.2 | 0.3 | 6   | 1.5 |
| U44799_s_at | U44799 |        | U1 snRNP binding protein homolog mRNA   | 2.2 | 1.8 | 3.6  | 0.4 | 2   | 2.4  | 1.6 | 0   | 2.1 |
|             |        |        | Mitochondrial NADH dehydrogenase-ubiquinone Fe-S protein 8, 23 kDa subunit precursor (NDUFS8) nuclear mRNA encoding mitochondrial protein | 0   | 1.8 | 0    | 0   | 0   | 0    | 1.5 | 0   | 0   |
| U65579_at   | U65579 | ndufs8 | Cytoplasmic antiapoptinase 3 (CAP3) mRNA  | 3.7 | 1.8 | 28.4 | 0   | 1.5 | 1.5  | 0   | 3.5 | 8.6 |
| U71364_at   | U71364 | cap3   | Receptin mRNA   | 1.6 | 1.7 | 3.4  | 1.9 | 4.1 | 6.9  | 0.9 | 2.3 | 8.3 |
| U03644_at   | U03644 |        | Nuclear domain 10 protein (ndp52) mRNA  | 3.4 | 1.7 | 8.3  | 6.5 | 3.4 | 8.6  | 1   | 1.6 | 6.2 |
| U22897_at   | U22897 | ndp52  |   |     |     |      |     |     |      |     |     |     |
| J04617_s_at | J04617 | ef1a   | EEF1A1 Translation elongation factor 1-alpha-1  | 1.8 | 1.6 | 1.7  | 1.8 | 2.3 | 3.8  | 1.3 | 0.8 | 1.1 |
| M23114_at   | M23114 | atp2a2 | ATP2A2 ATPase, Ca++ transporting, cardiac muscle, slow twitch 2   | 3.4 | 1.6 | 1.6  | 1   | 3.6 | 0    | 2   | 2   | 3.9 |
| S82297_at   | S82297 | b2m    | BETA-2-MICROGLOBULIN PRECURSOR  | 9.5 | 1.6 | 3.1  | 6.3 | 4.4 | 3.4  | 1.3 | 0   | 1.4 |

Figure 1AA

| U89505_at_      | U89505 | rbm4_lark | Hlark mRNA  | 1.3  | 1.6 | 4.2  | 1.8 | 1.9 | 1.7 | 1.4 | 1.1 | 5.4  |
|-----------------|--------|-----------|---|------|-----|------|-----|-----|-----|-----|-----|------|
| Z97054_xpt2_at_ | Z97054 |           | DNA binding protein from Human DNA sequence from PAC 339A18 on chromosome Xp11.1-Xp11.4. Contains KIAA0178 gene, similar to mitosis-specific chromosome segregation protein SMC1 of S.cerevisiae, DNA binding protein similar to URE-B1, ESTs and STS./ntype=DNA /annot=CDS | 4.4  | 1.6 | 7.1  | 1.5 | 0   | 2.3 | 2.8 | 0.7 | 2.3  |
| U29171_at_      | U29171 | csnk1d    | CSNK1D Casein kinase 1, delta   | 5.9  | 1.5 | 2.5  | 2.1 | 2.4 | 0   | 0.1 | 0.3 | 1.4  |
| U58087_at_      | U58087 |           | Hs-cul-1 mRNA   | 7.8  | 1.5 | 10.2 | 0   | 2.5 | 4.8 | 0.9 | 0.2 | 3.9  |
| U66464_at_      | U66464 |           | Hematopoietic progenitor kinase (HPK1) mRNA   | 0    | 1.5 | 0    | 1.3 | 1.7 | 0   | 0.5 | 0.5 | 0.1  |
| X81003_at_      | X81003 | hcg-v     | HCG V mRNA  | 2.9  | 1.5 | 3    | 2.4 | 3   | 0   | 2.1 | 0   | 1.8  |
| Y00097_s_at_    | Y00097 | anxa6     | ANX6 Annexin VI (p68)   | 10.2 | 1.5 | 6    | 1.9 | 1.7 | 1.2 | 0.3 | 0   | 4.2  |
| D86976_at_      | D86976 |           | KIAA0223 gene, partial cds  | 1.8  | 1.4 | 1.7  | 0   | 0.2 | 0   | 2.3 | 0.7 | 0.9  |
| HG1103_         | HG1103 |           | Guanine Nucleotide-Binding Protein Rai, Ras-Oncogene Related  | 3.3  | 1.4 | 27.9 | 2.4 | 3.1 | 2.4 | 0.7 | 1.9 | 12.5 |
| HT1103_at_      | HT1103 |           |   |      |     |      |     |     |     |     |     |      |
| M20867_s_at_    | M20867 | glud1     | GLUD1 Glutamate dehydrogenase   | 0.6  | 1.4 | 0    | 2.8 | 1.5 | 0   | 0.5 | 0.5 | 0.1  |
| U54778_at_      | U54778 |           | 14-3-3 epsilon mRNA   | 2.7  | 1.4 | 1.6  | 1.4 | 0.5 | 0.1 | 0.6 | 1.3 | 1.5  |
|                 |        |           | ITGAM Integrin, alpha M (complement component receptor 3, alpha; also known as CD11b (p170), macrophage antigen alpha polypeptide)  |      |     |      |     |     |     |     |     |      |
| J03925_at_      | J03925 | cd11b     |   | 0.6  | 1.2 | 0.5  | 0.8 | 0.8 | 0   | 2.2 | 1.4 | 1.2  |
| M14199_s_at_    | M14199 | lambr     | LAMR1 Laminin receptor (2H5 epitope)  | 0.7  | 1.2 | 0    | 1.2 | 0.5 | 1.1 | 0.3 | 0.4 | 0.6  |
| M26730_s_at_    | M26730 | qpc       | Mitochondrial ubiquinone-binding protein (QP) gene, exon 4  | 0.6  | 1.2 | 1.5  | 0.6 | 1   | 1.6 | 1.5 | 0.9 | 1.1  |
| M29877_at_      | M29877 | fucal     | FUCA1 Fucosidase, alpha-L-1, tissue   | 0    | 1.2 | 0.3  | 0.1 | 1   | 0   | 0.8 | 0.7 | 0.8  |
| M55409_s_at_    | M55409 |           | EEF1G Translation elongation factor 1 gamma   | 1.1  | 1.2 | 0.9  | 1.2 | 0.7 | 0   | 1.4 | 0.6 | 0.4  |

Figure 1BB

|                |        |          |  |   |     |     |     |     |     |     |     |     |     |
|----------------|--------|----------|--|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| S75168_rna1_at | S75168 | ctk      |  | Matk= megakaryocyte-associated tyrosine kinase [human, Genomic, 2617 nt 13 segments]  | 0.3 | 1.2 | 0.3 | 0.3 | 0.7 | 0   | 1.7 | 0.1 | 1.2 |
| U50196_at      | U50196 | adk      |  | ADK Adenosine kinase  | 0   | 1.2 | 1.8 | 0.2 | 1.1 | 0   | 0.7 | 0.1 | 0   |
| J03592_at      | J03592 | ant3     |  | ANT3 Adenine nucleotide translocator 3 (liver)  | 0.5 | 1.1 | 0   | 0.3 | 0.9 | 0   | 1.2 | 1.1 | 0.8 |
| M11119_at      | M11119 | PL1      |  | Endogenous retrovirus envelope region mRNA (PL1)  | 0   | 1.1 | 0   | 0   | 1.5 | 0   | 0   | 0.2 | 0   |
| M13194_at      | M13194 | ercc1    |  | ERCC1 Exon repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence) | 0   | 1.1 | 0   | 0   | 0.7 | 0   | 0   | 0   | 2.3 |
| U80040_at      | U80040 | aco2     |  | ACO2 Aconitase 2, mitochondrial   | 0.7 | 1.1 | 0   | 0.7 | 0.7 | 0   | 1.1 | 1.6 | 0   |
| X06956_at      | X06956 |          |  | TUBULIN ALPHA-4 CHAIN   | 1.1 | 1.1 | 0   | 3   | 1.4 | 0   | 0   | 0.8 | 0.3 |
| X59543_at      | X59543 | rrm1     |  | RIBONUCLEOSIDE-DIPHOSPHATE REDUCTASE M1 CHAIN   | 1.1 | 1.1 | 0   | 0.5 | 0   | 0   | 0.7 | 0   | 0   |
| X67247_at      | X67247 | rps8     |  | RpS8 gene for ribosomal protein S8  | 0.5 | 1.1 | 0.6 | 0.5 | 1   | 0.5 | 0.8 | 1.1 | 0.7 |
| D14662_at      | D14662 | aop2     |  | KIAA0106 gene   | 1.1 | 1   | 0   | 1.6 | 0.7 | 0   | 0.2 | 0.1 | 0   |
| D25538_at      | D25538 | adcy7    |  | KIAA0037 gene   | 0   | 1   | 0   | 0   | 0.6 | 0   | 0.5 | 0.5 | 0   |
| D26308_at      | D26308 | blvrb    |  | NADPH-flavin reductase  | 0   | 1   | 0   | 0   | 0.8 | 0   | 1.1 | 0   | 0   |
| D79990_at      | D79990 |          |  | KIAA0168 gene   | 0.7 | 1   | 0.3 | 2.2 | 1.3 | 0   | 1.3 | 1.1 | 0.8 |
| L13939_s_at    | L13939 | ap1b1    |  | Beta adaptin protein mRNA   | 0   | 1   | 0   | 0   | 0.7 | 0   | 0   | 0.5 | 0   |
| M23197_at      | M23197 | cd33     |  | CD33 CD33 antigen (differentiation antigen)   | 0   | 1   | 0   | 0.5 | 1.6 | 0   | 0.9 | 0.8 | 0   |
| D82348_at      | D82348 |          |  | 5-aminimidazole-4-carboxamide-1-beta-D-ribose nucleotide de transferase/inosinase   | 0   | 0.9 | 0   | 0.8 | 1   | 0   | 0   | 0.7 | 0   |
| D87433_at      | D87433 | kiaa0246 |  | KIAA0246 gene, partial cds  | 0   | 0.9 | 0   | 0   | 0.3 | 0   | 0   | 0.6 | 0   |
| M22632_at      | M22632 | got2     |  | GOT2 Glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)  | 0.1 | 0.9 | 0   | 0   | 1   | 0   | 0   | 0   | 0   |
| M58285_at      | M58285 | hem1     |  | Membrane-associated protein (HEM-1) mRNA  | 0   | 0.9 | 0   | 0   | 0.5 | 0   | 2.5 | 0.3 | 0   |
| M93221_at      | M93221 | mmr      |  | M6PR Mannose receptor   | 0   | 0.9 | 0.3 | 0.8 | 0.8 | 0   | 1.2 | 0.1 | 0   |

Figure 1CC

|             |        |         |   |     |     |     |     |     |     |     |     |     |
|-------------|--------|---------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| U37146_at   | U37146 | ncor2   | Silencing mediator of retinoid and thyroid hormone action (SMRT) mRNA   | 0.2 | 0.9 | 0   | 0.1 | 0.8 | 0   | 3.2 | 0.6 | 0.4 |
| U40998_at   | U40998 | hrg4    | Retinal protein (HRG4) mRNA   | 0.9 | 0.9 | 0   | 0   | 0   | 0   | 0.7 | 0   | 0   |
| D31766_at   | D31766 |         | PUTATIVE GLUCOSAMINE 6-PHOSPHATE ISOMERASE  | 0   | 0.8 | 0   | 0   | 0.6 | 0   | 0.8 | 0.1 | 1.2 |
| L17131_rna1 | L17131 | hmgly   | High mobility group protein (HMG-1(Y)) gene exons 1-8   | 0   | 0.8 | 0   | 3.6 | 2.2 | 2.1 | 0.8 | 0.1 | 1.2 |
| M13452_s_at | M13452 | cmd1a   | LMNA Lamin A  | 1.9 | 0.8 | 2.1 | 3.8 | 2   | 1.6 | 0.7 | 1.1 | 0.9 |
| U12404_at   | U12404 |         | 60S RIBOSOMAL PROTEIN L10A (CSA-19)   | 0.8 | 0.8 | 0   | 2.6 | 1   | 0   | 0   | 0.9 | 0.6 |
| U21931_at   | U21931 | fbp1    | FBP1 Fructose-bisphosphatase 1  | 0   | 0.8 | 0   | 0.4 | 0   | 0   | 0   | 0.6 | 0   |
| U12595_at   | U12595 |         | Tumor necrosis factor type 1 receptor associated protein (TRAP1) mRNA, partial cds  | 0   | 0.7 | 0   | 0   | 0.9 | 0   | 1.2 | 1.7 | 0   |
| U19713_s_at | U19713 | aif1    | Allograft inflammatory factor-1 (AIF 1) mRNA L44L gene (L44-like ribosomal protein) extracted from Human Bruton's tyrosine kinase (BTK), alpha-D-galactosidase A (GLA), L44-like ribosomal protein (L44L) and FTP3 (FTP3) genes | 0.2 | 0.7 | 0.7 | 0.4 | 0.5 | 0.5 | 0   | 0.7 | 0.4 |
| U78027_rna3 | U78027 | agmx1   | KH type splicing regulatory protein KSRP mRNA   | 0   | 0.7 | 0.3 | 1.4 | 1.1 | 0.9 | 0   | 0.6 | 0.4 |
| U94832_at   | U94832 |         | Gene encoding prepro form of corticotropin releasing factor   | 0   | 0.7 | 0   | 1.5 | 0.9 | 0   | 0.3 | 0.5 | 0.1 |
| V00571_at   | V00571 | crh     | RPS26 Ribosomal protein S26   | 1.1 | 0.7 | 0   | 0.5 | 1.1 | 0   | 0.3 | 0   | 0.5 |
| X69654_at   | X69654 | rps26   | Transforming growth factor-beta induced gene product (BIGH3) mRNA   | 0   | 0.7 | 0   | 0   | 1.1 | 0.4 | 0   | 0.4 | 0   |
| M77349_at   | M77349 | BIGH3   | LST1 mRNA, clST1/E splice variant   | 0   | 0.6 | 0   | 0.6 | 0.6 | 0   | 0.9 | 0.7 | 0.6 |
| U00921_at   | U00921 | b144    | RPL17 Ribosomal protein L17   | 0.9 | 0.6 | 0   | 3.3 | 1.1 | 0   | 0   | 0.1 | 0   |
| X55954_at   | X55954 | rpl23   | CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN PRECURSOR  | 0.4 | 0.6 | 0.7 | 1.7 | 0.8 | 2   | 0.4 | 0.6 | 0.9 |
| X62744_at   | X62744 | hla-dma | TGFB2 Transforming growth factor, beta receptor II (70-80KD)  | 0   | 0.6 | 0.2 | 0.6 | 1   | 0   | 0.8 | 0.4 | 0.5 |
| D50683_at   | D50683 | hnpcc6  |   | 0   | 0.5 | 0   | 0.5 | 0   | 0   | 2.1 | 0.3 | 0   |

Figure 1DD

[illegible]

Figure 1EE

[illegible]

Figure 1FF



| aflyb       | GBA    | gene symbol | gene Name  | teco   | heco   | teco  | fpr8  | hpr8  | tp8   | ican  | imcan | ican  |
|-------------|--------|-------------|--|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| M13755_at   | M13755 | isg15       | G1P2 Interferon, alpha-inducible protein (Clone IFI-15K)   | 214.1  | 545.6  | 57.4  | 253   | 662   | 100.2 | 302.7 | 208.8 | 34.3  |
| V00594_at   | V00594 | mt2a        | Metallothionein isoform 2  | 1683.1 | 1698.4 | 143.4 | 371.1 | 414.5 | 107.8 | 3.3   | 261   | 74.2  |
| M21121_at   | M21121 | rantes      | SCYA5 Small inducible cytokine A5 (RANTES)   | 728.7  | 661.7  | 83.4  | 717   | 396.6 | 115.3 | 113.6 | 87.4  | 43.7  |
| M14660_at   | M14660 | g10p2       | ISG-54K gene (interferon stimulated gene) encoding a 54 kDa protein, exon 2                                      | 5.9    | 25     | 27.9  | 109   | 312.4 | 206   | 2     | 5     | 33.4  |
| X02530_at   | X02530 | inp10       | INP10 Interferon (gamma)-induced cell line; protein 10 from  | 12.5   | 13.1   | 442.2 | 137.9 | 290.4 | 501.4 | 5.4   | 205.9 | 451.4 |
| M24594_at   | M24594 | g10p1       | IFI56 Interferon-induced protein 56  | 19.8   | 71.6   | 77.5  | 90.8  | 266   | 141.1 | 18.6  | 248.6 | 89.6  |
| U37518_at   | U37518 | trail       | TNF-related apoptosis inducing ligand TRAIL mRNA   | 14.7   | 34.2   | 134.3 | 171.9 | 230.1 | 590.2 | 5.7   | 109.1 | 318.2 |
| U59286_at   | U59286 | itac        | Beta-R1 mRNA, partial cds  | 34.9   | 27.6   | 237.9 | 201.6 | 207.8 | 340.8 | 3.8   | 74.4  | 389.7 |
| X67325_at   | X67325 | ifi27       | INTERFERON-ALPHA INDUCED 11.5 KD PROTEIN   | 136.8  | 143.4  | 618.8 | 265.8 | 192.2 | 498.1 | 50    | 212.1 | 604.2 |
| L40387_at   | L40387 | oasl        | Thyroid receptor interactor (TRIP14) gene, 3' end of cds   | 4.6    | 7.5    | 43    | 105.3 | 185.2 | 124.5 | 1.7   | 0.4   | 13.6  |
| M33882_at   | M33882 | mx1         | MX1 Myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78)                     | 61.1   | 166.8  | 84.7  | 90.3  | 152.2 | 89.8  | 34    | 397.3 | 102   |
| L19779_at   | L19779 | h2a         | Histone H2A, 2 mRNA  | 53.2   | 154    | 83.4  | 40.2  | 122.8 | 65.8  | 7.9   | 10.8  | 33.4  |
| V00594_s.at | V00594 | mt2a        | Metallothionein isoform 2  | 167.1  | 337.3  | 15    | 64.9  | 122.8 | 34.8  | 69.4  | 52.2  | 9.4   |
| M31165_at   | M31165 | tnfaip6     | TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR  | 172.2  | 163.5  | 624.1 | 60.6  | 100.2 | 101.8 | 7.1   | 5.6   | 58.6  |
| U22970_s.at | U22970 | g1p3        | 6-16 gene (interferon-inducible peptide precursor) extracted from Human interferon-inducible peptide (6.16) gene | 115.3  | 68.2   | 5.8   | 70.6  | 97.1  | 13.7  | 13.1  | 15.6  | 5.5   |
| X07834_at   | X07834 | sod2        | SOD2 Superoxide dismutase 2, mitochondrial   | 57.7   | 104.1  | 240.9 | 34.7  | 92.1  | 91.6  | 9.9   | 17    | 116.5 |
| M34455_at   | M34455 | ido         | IDO Indole 2,3-dioxygenase   | 273.7  | 27.5   | 219.8 | 279.5 | 89.2  | 97.8  | 1.5   | 3.4   | 106   |
| X65965_s.at | X65965 | sod2        | SOD-2 gene for manganese superoxide dismutase  | 233.7  | 149.2  | 204   | 143.7 | 86.3  | 86.3  | 10.6  | 35.9  | 109.3 |
| U52513_at   | U52513 | ifit4       | RIG-G mRNA   | 25.1   | 39.3   | 96.2  | 92.1  | 84.6  | 98    | 13.2  | 39.1  | 94.7  |
| X99886_s.at | X99886 | mcp2        | MCP-2 gene   | 51.9   | 51     | 26.3  | 42.9  | 82.6  | 47.9  | 4.8   | 23.8  | 79.5  |

Figure 2A



|                |        |         |   |       |       |        |       |      |       |      |      |       |
|----------------|--------|---------|---|-------|-------|--------|-------|------|-------|------|------|-------|
| M30818_at_     | M30818 | mx2     | MX2 Myxovirus (influenza) resistance 2, homolog of murine   | 21    | 74.4  | 42.6   | 40.9  | 82.3 | 50.4  | 19.8 | 39.4 | 43.2  |
| M69203_s_at    | M69203 | mip1b   | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip-1b)                                    | 164.9 | 44.6  | 19.3   | 372.7 | 82   | 10.5  | 4.6  | 30.1 | 11.6  |
| X57351_s_at    | X57351 | ifitm2  | RPS3 Ribosomal protein S3 / wrong name  | 13    | 84.2  | 13.1   | 15.3  | 81.7 | 30.3  | 55.9 | 20.8 | 7.5   |
| X04602_s_at    | X04602 | il6     | IL6 Interleukin 6 (B cell stimulatory factor 2)   | 408.5 | 379.2 | 1267.5 | 70.5  | 76.5 | 269.4 | 14.6 | 43   | 111   |
| M23178_s_at    | M23178 | mip1a   | MACROPHAGE INFLAMMATORY PROTEIN 1, ALPHA PRECURSOR  | 73.8  | 125   | 11.4   | 52.8  | 73.8 | 8.5   | 7.4  | 9.6  | 6.3   |
| M59465_at      | M59465 | a20     | TNFAIP1 Tumor necrosis factor alpha inducible protein A20   | 87    | 158.7 | 41.1   | 65.3  | 73.5 | 22.9  | 7.6  | 5.9  | 9.6   |
| U53830_at      | U53830 | irf7    | Interferon regulatory factor 7 (humirf7) mRNA   | 42.6  | 130   | 46     | 38.8  | 72.5 | 49.2  | 51.4 | 43.1 | 47.5  |
| L31584_at      | L31584 | ccr7    | CMKBR7 Chemokine (C-C) receptor 7   | 58.1  | 87.3  | 93.2   | 23.3  | 69.6 | 83.5  | 26.5 | 11   | 56.3  |
| X64177_f_at    | X64177 | mtlh    | Metallothionein   | 761.9 | 728.2 | 93.6   | 73.7  | 66.9 | 27.4  | 10.4 | 27.4 | 14.9  |
| X59892_at      | X59892 | wars    | TRYPTOPHAN-TRNA SYNTHETASE  | 40.2  | 66.9  | 32.5   | 56.1  | 59.5 | 25.2  | 12.8 | 18   | 20.2  |
| X02875_s_at    | X02875 | oas1    | OAS (2'5') oligoadenylate synthetase  | 16.7  | 30    | 48.7   | 41.5  | 58.8 | 117.7 | 4.2  | 20.5 | 80.4  |
| X02910_at      | X02910 | tnfr1   | TNF Tumor necrosis factor   | 144.1 | 225.5 | 115.7  | 73.8  | 58.6 | 48.5  | 27.2 | 81.1 | 43.2  |
| U03891_at      | U03891 | unknown | Phorbolins I mRNA, partial cds  | 43.8  | 28.9  | 21.9   | 189.3 | 58.3 | 23.3  | 4.4  | 9.6  | 39.3  |
| X57522_at      | X57522 | tap1    | TAP1 Transporter 1, ABC (ATP binding cassette)  | 34.3  | 42.3  | 48.3   | 76.1  | 53.3 | 47.7  | 11.6 | 31.7 | 41.3  |
| Y00451_s_at    | Y00451 | alas1   | ALAS1 Aminolevulinate, delta-, synthase 1   | 17.8  | 8.2   | 14.6   | 62    | 53   | 23.9  | 1.2  | 12.2 | 7.7   |
| X72755_at      | X72755 | mig     | Humig mRNA  | 3.2   | 5.2   | 68.3   | 59.4  | 52.3 | 58.6  | 1.6  | 77.5 | 128.6 |
| J04130_s_at    | J04130 | mip1b   | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip-1b)                                    | 81.9  | 42.2  | 5.7    | 70.3  | 51.6 | 6.5   | 9.9  | 4.6  | 2.9   |
| M55542_at      | M55542 | gbp1    | GBP1 Guanylate binding protein 1, interferon-inducible, 67kD                                      | 38.4  | 28.4  | 99.4   | 34.6  | 50   | 68    | 1.5  | 26.4 | 75.9  |
| M62402_at      | M62402 | igfbp6  | IGFBP6 Insulin-like growth factor binding protein 6   | 0     | 0.1   | 41.4   | 60.4  | 49.8 | 97.9  | 0    | 0    | 0.4   |
| J00210_rna1_at | J00210 | ifna13  | IFNA gene (interferon alpha-d) extracted from Human leukocyte interferon (IFN-alpha) alpha-d gene | 0.1   | 0     | 0      | 40.5  | 48.5 | 192.3 | 0    | 0    | 0     |

Figure 2B

|                  |          |           |   |       |       |       |      |      |       |      |      |       |
|------------------|----------|-----------|---|-------|-------|-------|------|------|-------|------|------|-------|
| D28915_at        | D28915   | mtap44    | Hepatitis C-associated microtubular aggregate protein p44   | 8.5   | 29.6  | 53.6  | 10.7 | 47.1 | 44.3  | 13.3 | 15.5 | 48    |
| J04164_at        | J04164   | ifi17     | RPS3 Ribosomal protein S3 /wrong name   | 25.8  | 57.2  | 37.7  | 34.5 | 45.6 | 79.3  | 11.5 | 60.3 | 35.1  |
| L19871_at        | L19871   | atf3      | ATF3 Activating transcription factor 3  | 10.6  | 19.7  | 9.6   | 28.1 | 39   | 12.4  | 5.4  | 1.5  | 3.9   |
| L05072_s_at      | L05072   | irf1      | IRF1 Interferon regulatory factor 1   | 48.2  | 24.5  | 63    | 63.7 | 38.2 | 29.4  | 3.4  | 34.5 | 50.5  |
| U29680_at        | U29680   | bcl2a1    | Bcl-2 related (Bfl-1) mRNA  | 105.3 | 97.9  | 678.7 | 40.7 | 35.7 | 117.5 | 4    | 8.3  | 179.1 |
| D14661_at        | D14661   |           | KIAA0105 gene   | 7.1   | 10.7  | 24.3  | 23.4 | 33.6 | 11.7  | 1.5  | 1.8  | 6.7   |
| V00535_rna2_s_at | V00535   | ifnb1     | Interferon beta 1 gene extracted from Gene for human fibroblast interferon beta 1                       | 0.8   | 11.8  | 187.4 | 68.4 | 33.2 | 165.4 | 1.2  | 0    | 0     |
| M87434_at        | M87434   | oas2      | 69/71 KD  | 11.8  | 8.6   | 21.2  | 15.4 | 33.1 | 16.5  | 2.5  | 5.3  | 17.5  |
| M92357_at        | M92357   | tnfrsf2   | B94 PROTEIN   | 29.6  | 39.7  | 104.2 | 20.5 | 31.8 | 34    | 3    | 13.9 | 28.7  |
| J05037_at        | J05037   | sds       | L-SERINE DEHYDRATASE  | 0     | 1     | 2.4   | 4.1  | 31.6 | 15.8  | 0.1  | 0    | 4.8   |
| HG1612           | HG1612   |           |   |       |       |       |      |      |       |      |      |       |
| HT1612_at        | HT1612   | macmarcks | Macmarcks   | 19.2  | 30    | 44.7  | 11.5 | 30.2 | 16.9  | 3.4  | 11.8 | 15.6  |
| M22976_at        | M22976   | cyb5      | CYB5 Cytochrome b.5   | 2.9   | 4.2   | 2     | 5.5  | 30.2 | 4.6   | 1.7  | 2.1  | 5.6   |
| M58603_at        | M58603   | nfkbp50   | NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)                       | 26.1  | 30.4  | 29.9  | 15.1 | 30.1 | 10.7  | 0.6  | 5.7  | 10.4  |
| X94563_xpt2_r_at | X94563   |           | Exon 1b; used only in type 2 transcripts from H.sapiens dbi/acbp gene exon 1 & 2./ntype=DNA /annot=exon | 14.2  | 3     | 3     | 4.6  | 29   | 3.8   | 0.8  | 0.5  | 1.1   |
| M55067_at        | M55067   | ncf1      | NCF1 47 KD autosomal chronic granulomatous disease protein  | 2.5   | 12.6  | 24.2  | 19.1 | 28.5 | 22.1  | 4.4  | 9.8  | 17.2  |
| X60592_at        | X60592   | cd40      | CD40 CD40 antigen   | 6.3   | 5.8   | 21    | 6.8  | 27.6 | 5.3   | 1.9  | 3.5  | 11.4  |
| M87503_at        | M87503   | isgf3     | TRANSCRIPTIONAL REGULATOR ISGF3 GAMMA SUBUNIT   | 5.4   | 16.3  | 8.9   | 5.9  | 27.5 | 8.2   | 1.8  | 1.8  | 5.5   |
| M31166_at        | M31166   | ptx3      | PTX3 Pentaxin-related gene, rapidly induced by IL-1 beta  | 82.7  | 88.9  | 807.3 | 21   | 27.2 | 122.2 | 5.2  | 2.5  | 20.9  |
| AB000115_at      | AB000115 | unknown   | mRNA  | 9.8   | 13.1  | 24.9  | 8.4  | 26.9 | 28.7  | 3.4  | 6.1  | 37.6  |
| U72882_s_at      | U72882   | ifi35     | Interferon-induced leucine zipper protein (IFP35) mRNA, partial cds                                     | 23.2  | 58.9  | 39.5  | 22   | 26.7 | 21.2  | 20.3 | 29.3 | 52.5  |
| U33017_at        | U33017   | slam      | Signaling lymphocytic activation molecule (SLAM) mRNA   | 320.7 | 343.9 | 685.7 | 4.8  | 25.8 | 3     | 2.7  | 24.4 | 84.5  |

Figure 2C

|             |        |          |  |       |      |        |       |      |       |      |      |       |
|-------------|--------|----------|--|-------|------|--------|-------|------|-------|------|------|-------|
| L22343_at   | L22343 | ifi175   | Nuclear phosphoprotein mRNA  | 0.5   | 2.1  | 7      | 4.5   | 25.4 | 36.7  | 0.1  | 2.6  | 11.9  |
| D90070_s_at | D90070 | pmaip1   | LRP1 ATL-derived PMA-responsive (APR) peptide  | 1.3   | 31   | 125.8  | 16.9  | 24.1 | 249.1 | 0    | 0.4  | 11.1  |
| S76638_at   | S76638 | nfkB p52 | NFKB2 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)                    | 23.7  | 32.2 | 27     | 14    | 24.1 | 5.6   | 1.1  | 2.8  | 15    |
| U66838_at   | U66838 |          | Cyclin A1 mRNA   | 2.3   | 22.1 | 53.5   | 12.3  | 23.5 | 65.7  | 1.1  | 1.9  | 23.6  |
| Y00081_s_at | Y00081 | il6      | IL6 Interleukin 6 (B cell stimulatory factor 2)  | 144.3 | 71.8 | 1281.1 | 39.5  | 22.4 | 95.7  | 0.5  | 15.8 | 39.3  |
| U80073_at   | U80073 | tap      | Tip associating protein (TAP) mRNA   | 2.3   | 1.5  | 6.1    | 19.7  | 21.8 | 31.1  | 0.1  | 2.6  | 7.6   |
| Z26248_s_at | Z26248 | prg2     | PRG2 Proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) | 0     | 1.2  | 1.1    | 2.3   | 21.3 | 9.7   | 0    | 0    | 0     |
| L08069_at   | L08069 | hsp14    | DNAJ PROTEIN HOMOLOG 2   | 12.8  | 11.1 | 12.7   | 10.9  | 20.7 | 9.7   | 1.7  | 3.9  | 8.8   |
| M31627_at   | M31627 | xbp1     | X BOX BINDING PROTEIN-1  | 4.4   | 9    | 15.4   | 16.7  | 20.6 | 27.1  | 3.2  | 3.1  | 4.6   |
| J04056_at   | J04056 | cbr1     | CBR Carbonyl reductase   | 0.1   | 3.9  | 0.6    | 3.7   | 20.5 | 7.4   | 4.2  | 7.3  | 1.1   |
| U19523_at   | U19523 |          | GCH1 GTP cyclohydrolase 1 (dopa-responsive dystonia) {alternative products}                              | 18.8  | 22.8 | 139.7  | 15.8  | 20.5 | 50.5  | 0.4  | 22.4 | 132.8 |
| U03397_s_at | U03397 | 41bb     | Receptor protein 4-1BB mRNA  | 4.6   | 13.1 | 90.4   | 3     | 20.1 | 26.2  | 2    | 2.3  | 13.8  |
| L20971_at   | L20971 | dpde4    | PDE4B Phosphodiesterase 4B, cAMP-specific (dunce (Drosophila) homolog phosphodiesterase E4)              | 23.9  | 38.2 | 124.8  | 12.1  | 19.8 | 43.2  | 0.5  | 1.5  | 20.1  |
| U12767_at   | U12767 | minor    | Mitogen induced nuclear orphan receptor (MINOR) mRNA   | 49.2  | 39.4 | 17.1   | 37.8  | 19.7 | 13.7  | 24.6 | 17.3 | 15.7  |
| D64110_at   | D64110 | btg3     | Tob family   | 1.7   | 13.1 | 12.2   | 1.6   | 19.6 | 9.1   | 2.6  | 1.1  | 6.6   |
| S79639_at   | S79639 | ext1     | EXT1 Exostosins (multiple) 1   | 4.9   | 18.3 | 47     | 8.1   | 19.4 | 6.8   | 3.5  | 0.9  | 5.3   |
| HG2724      | HG2724 |          |  |       |      |        |       |      |       |      |      |       |
| HT2820_at   | HT2820 |          | Oncogene Tls/Chop. Fusion Activated  | 0     | 0    | 20     | 18.8  | 19.3 | 89.6  | 0    | 0.6  | 101.1 |
| M16364_s_at | M16364 | ckb      | CKB Creatine kinase B  | 50.5  | 10.4 | 11.1   | 109.5 | 18.8 | 7.4   | 5.5  | 2    | 4     |
| X77584_at   | X77584 | txn      | TXN Thioredoxin  | 22.4  | 39.5 | 5.2    | 16.8  | 18.4 | 7.9   | 3.8  | 8    | 2.5   |
| U09278_at   | U09278 | tap      | Fibroblast activation protein mRNA   | 0     | 0    | 0      | 14.8  | 17.9 | 67.4  | 0    | 0    | 0     |
| M62403_s_at | M62403 | igfbp4   | IGFBP4 Insulin-like growth factor-binding protein 4  | 15.9  | 5.2  | 32.7   | 61.8  | 17.5 | 37.9  | 6.8  | 9.1  | 104.6 |

Figure 2D

|             |        |           |  |       |       |       |      |      |      |      |      |       |
|-------------|--------|-----------|--|-------|-------|-------|------|------|------|------|------|-------|
| U70451_at   | U70451 | myd88     | MyD88 mRNA   | 2.2   | 7     | 2.8   | 6.3  | 17.2 | 7.1  | 1.6  | 2.4  | 7.1   |
| D38583_at   | D38583 | s100a11   | Calgizzarin  | 6     | 9.8   | 3.7   | 5.8  | 17   | 3.1  | 1.2  | 0.4  | 2.1   |
| U72661_at   | U72661 | ninj1     | Ninjurin1 mRNA   | 43.8  | 31.1  | 48.8  | 22   | 17   | 7.4  | 2.6  | 9.6  | 30.3  |
| HG4069      |        |           |  |       |       |       |      |      |      |      |      |       |
| HT4339_s_at | HG4069 |           |  |       |       |       |      |      |      |      |      |       |
|             | HT4339 | mcp1      | Monocyte Chemotactic Protein 1   | 2.9   | 2.5   | 2.8   | 38.4 | 16.9 | 10.3 | 2    | 10.7 | 9.2   |
| X57579_s_at | X57579 | activinba | Activin beta-A subunit (exon 2)  |       |       |       |      |      |      |      |      |       |
| M62831_at   | M62831 | etr101    | Transcription factor ETR101 mRNA   | 166.9 | 233.7 | 47.2  | 22.8 | 16.8 | 9.4  | 14.1 | 19.3 | 24.6  |
|             |        |           |  | 4.6   | 20.4  | 4.3   | 9.3  | 16.6 | 11.2 | 0.6  | 0.5  | 1.2   |
| M64929_at   | M64929 | ppp2r2a   | PPP2R2A Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform | 3     | 10.6  | 5.7   | 9.2  | 15.7 | 8.4  | 1    | 9    | 7.7   |
| U88964_at   | U88964 | hem45     | HEM45 mRNA   | 34.6  | 43.7  | 19.1  | 27.2 | 15.5 | 73.3 | 8.8  | 43.4 | 116.1 |
| X82200_at   | X82200 | stat50    | Stat50 mRNA  | 10    | 7     | 13.1  | 7.8  | 15.4 | 16.7 | 2.1  | 3.1  | 18.1  |
| D28364_at   | D28364 |           | Annexin II, 5'UTR (sequence from the 5'cap to the start codon)                           | 8.2   | 0.1   | 4.1   | 14.2 | 15.2 | 6.1  | 1.4  | 0    | 3.1   |
| U82979_at   | U82979 | ilr5      | Immunoglobulin-like transcript-3 mRNA  | 11.2  | 10.1  | 14.5  | 6.7  | 15.1 | 6    | 1.2  | 4.3  | 17.4  |
| U00672_at   | U00672 | il10ra    | IL10R Interleukin 10 receptor  | 9.2   | 14.1  | 9.1   | 10.6 | 15   | 9.5  | 4.2  | 5.9  | 5.1   |
| L11329_at   | L11329 | dusp2     | DUAL SPECIFICITY PROTEIN PHOSPHATASE PAC-1   | 52.1  | 177.6 | 16.1  | 16.2 | 14.7 | 2.4  | 7.9  | 1.4  | 2.9   |
| D31885_at   | D31885 |           | KIAA0069 gene, partial cds   | 1.9   | 3.4   | 0     | 6.9  | 14.5 | 1.5  | 1.4  | 0.3  | 1     |
| X53296_s_at | X53296 | il1rn     | IL1RN Interleukin 1 receptor antagonist  | 65.5  | 26.4  | 6.9   | 28.7 | 14.4 | 4.6  | 4.3  | 7.7  | 4     |
| D55696_at   | D55696 | prsc1     | Cysteine protease  | 0     | 0.9   | 1.2   | 2.5  | 14.3 | 3.8  | 0.1  | 0.1  | 6.4   |
| U04636_at   | U04636 | cox2      | Cyclooxygenase-2 (hCox-2) gene   | 110   | 120.8 | 608.6 | 15.3 | 13.8 | 87.4 | 5    | 4.7  | 54.9  |
| M29696_at   | M29696 | il7r      | IL7R Interleukin 7 receptor  | 61.7  | 36.8  | 55.8  | 27.5 | 13.7 | 15   | 9    | 11.5 | 23.2  |
| X98253_at   | X98253 |           | ZNF183 gene  | 0     | 0     | 0.6   | 9.9  | 13.7 | 34.5 | 0.5  | 0    | 0     |
| U66711_at   | U66711 | ly6e      | Ly-6 related protein (9804) gene   | 8.6   | 24.7  | 4.7   | 6.1  | 13.6 | 2.4  | 2.4  | 1.7  | 4     |
| U60800_at   | U60800 | sema4d    | Semaphorin (CD100) mRNA  | 1.3   | 17.6  | 3.7   | 4.3  | 13.5 | 8.1  | 0.6  | 14.5 | 20.5  |
| M37766_at   | M37766 | bcm1      | CD48 CD48 antigen (B-cell membrane protein)  | 13.2  | 10.9  | 20.8  | 8.2  | 13.4 | 13.1 | 1    | 6.4  | 29.8  |
| D50663_at   | D50663 | tcet1     | CW-1 mRNA  | 23.1  | 17.9  | 33.6  | 16.9 | 13.3 | 15.1 | 5.1  | 13.5 | 30.8  |

Figure 2E

|                   |        |        |   |       |       |       |      |      |       |     |      |       |
|-------------------|--------|--------|---|-------|-------|-------|------|------|-------|-----|------|-------|
| U65416_rnal_s_at_ | U65416 | micb   | MHC class I molecule (MICB) gene  | 2.9   | 3.8   | 9.3   | 5    | 13.2 | 24.7  | 1.4 | 2.5  | 9.5   |
| X06256_at_        | X06256 | itga5  | ITGA5 Integrin, alpha 5 (fibronectin receptor, alpha polypeptide)   | 6.2   | 12.8  | 3.8   | 11.6 | 13.2 | 2.9   | 0.9 | 2.9  | 0.8   |
| Y00787_s_at_      | Y00787 | il8    | INTERLEUKIN-8 PRECURSOR   | 89.1  | 234.5 | 40.9  | 9.8  | 13.1 | 8.4   | 8.2 | 10.8 | 10.5  |
| U19261_at_        | U19261 | traf1  | Epstein-Barr virus-induced protein mRNA   | 25.7  | 15.4  | 25.2  | 8    | 12.7 | 6     | 5.8 | 9.5  | 8.1   |
| M13690_s_at_      | M13690 | clnh   | C1NH Complement component 1 inhibitor (angioedema, hereditary)  | 16.9  | 34.1  | 209.8 | 13.8 | 12.6 | 86.2  | 6.6 | 30.1 | 358.9 |
| U20158_at_        | U20158 | lop2   | 76 kDa tyrosine phosphoprotein SLP-76 mRNA  | 3.7   | 7.8   | 8.6   | 8    | 12.6 | 3.4   | 3   | 2.3  | 3.3   |
| X04500_at_        | X04500 | il1b   | IL1B Interleukin 1, beta  | 199.3 | 598.3 | 184.4 | 9.1  | 12.6 | 20.2  | 24  | 11.1 | 48.7  |
| HG3417_           | HG3417 |        |   |       |       |       |      |      |       |     |      |       |
| HT3600_s_at_      | HT3600 |        | Gtp Cyclohydrolase I, Alt Splice 1  | 4.9   | 2.1   | 12.9  | 2.3  | 12.1 | 3.2   | 0.8 | 0.6  | 7.5   |
| Z49107_s_at_      | Z49107 | lgals9 | Galectin  | 6.1   | 3.1   | 2.6   | 17.1 | 12.1 | 3.7   | 2.7 | 5.7  | 4.6   |
| D86962_at_        | D86962 | grb10  | KIAA0207 gene   | 2.2   | 1.7   | 37.1  | 19.5 | 12   | 108.7 | 1.3 | 1.3  | 9.5   |
| U02020_at_        | U02020 | pbef   | Pre-B cell enhancing factor (PBEF) mRNA   | 26.9  | 26.4  | 37.4  | 6.9  | 11.9 | 14.5  | 2.9 | 1.4  | 8.5   |
| X78992_at_        | X78992 | erf2   | ERF-2 mRNA  | 0     | 0.9   | 1.5   | 20.6 | 11.9 | 24.9  | 0.2 | 0    | 0.1   |
| U22662_at_        | U22662 | lxra   | Nuclear orphan receptor LXR-alpha mRNA  | 1.5   | 7.3   | 9.6   | 34.8 | 11.4 | 9.4   | 8.4 | 3.1  | 10.9  |
| U07802_at_        | U07802 | erf2   | ERF-2 mRNA  | 0     | 2.6   | 2.2   | 6.4  | 11.3 | 21.6  | 0.7 | 0.1  | 0     |
| D79206_s_at_      | D79206 | sdc4   | SDC4 Syndecan 4 (amphiglycan, ryudocan)   | 6.3   | 9.9   | 21.1  | 15.2 | 11.2 | 10.2  | 2.7 | 2.7  | 6     |
| M24283_at_        | M24283 | icam1  | ICAM1 Interleukin adhesion molecule 1 (CD54), human rhinovirus receptor                                     | 70.6  | 32.4  | 20.7  | 28   | 11.1 | 3.4   | 9.5 | 6    | 9.3   |
| U15932_at_        | U15932 | dusp5  | Protein tyrosine phosphatase mRNA   | 57    | 76.5  | 44.5  | 9.8  | 11.1 | 8.8   | 2.4 | 4.4  | 13.4  |
| HG3884_           | HG3884 |        |   |       |       |       |      |      |       |     |      |       |
| HT4154_at_        | HT4154 | hpx42  | Homeotic Protein Hpx-42   | 1     | 0     | 3     | 4.3  | 11   | 2.8   | 0   | 0    | 0     |
| X97324_at_        | X97324 |        | Adipophilin   | 0     | 0.6   | 2.8   | 2    | 10.8 | 5.7   | 0   | 0    | 6.6   |
| U09937_rnal_s_at_ | U09937 |        | Urokinase-type plasminogen activator receptor gene extracted from Human urokinase-type plasminogen receptor | 17    | 26.9  | 14.5  | 12.5 | 10.7 | 2.4   | 3   | 3.5  | 3.7   |
| X07743_at_        | X07743 | plek   | PLECKSTRIN  | 9.7   | 2.1   | 5.7   | 13.9 | 10.7 | 2.7   | 3.6 | 1.6  | 5.6   |
| U32849_at_        | U32849 | nmi    | Hou mRNA  | 5.2   | 6     | 16.1  | 10.4 | 10.5 | 24.4  | 2.7 | 12.3 | 23.9  |

Figure 2F

|                  |        |          |  |      |      |      |      |      |      |      |      |      |
|------------------|--------|----------|--|------|------|------|------|------|------|------|------|------|
| U68494_at        | U68494 |          | Hbc647 mRNA sequence   | 4.6  | 3.2  | 2.7  | 9.2  | 10.5 | 20.1 | 1    | 1.3  | 6    |
| U03057_at        | U03057 | snl      | Actin bundling protein mRNA  | 59.8 | 27.5 | 8.4  | 4.1  | 10.4 | 14.1 | 32   | 13.4 | 2.3  |
| L01664_at        | L01664 | clc      | CLC Charot-Leyden crystal protein  | 0.5  | 2.7  | 0.8  | 2.6  | 10.2 | 15.8 | 0.3  | 0.8  | 1.6  |
| M62800_at        | M62800 | ro52     | SSA1 Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro) | 1.2  | 4.2  | 16.1 | 4.5  | 10.2 | 10.4 | 0.9  | 12.8 | 10.3 |
| X15949_at        | X15949 | irf2     | IRF2 Interferon regulatory factor 2  | 6.1  | 5.8  | 6.1  | 5.3  | 10.2 | 5    | 1.1  | 1.6  | 9.8  |
| X63717_at        | X63717 | fas      | APT1 Apoptosis (APO-1) antigen 1   | 1    | 8    | 52.2 | 3    | 10.2 | 24.9 | 0.2  | 1.5  | 17.2 |
| U83461_at        | U83461 | copt2    | Putative copper uptake protein (hCTR2) mRNA                                    | 3.6  | 13.4 | 19.1 | 2.9  | 10.1 | 12   | 5    | 4.7  | 22.6 |
| M80244_at        | M80244 | d16s469e | INTEGRAL MEMBRANE PROTEIN E16  | 25.2 | 14.1 | 24.5 | 14.5 | 10   | 2.7  | 1.5  | 1.6  | 7.8  |
| U28015_at        | U28015 | casp5    | TY protease  | 2.6  | 1.8  | 16.2 | 3.4  | 10   | 23.2 | 0.3  | 6    | 1.5  |
| X57351_at        | X57351 |          | RPS3 Ribosomal protein S3  | 0.8  | 3    | 26.5 | 8.2  | 10   | 43   | 1.4  | 5    | 72.9 |
| Z11518_s_at      | Z11518 |          | HISTIDYL-TRNA SYNTHETASE   | 0.5  | 0.5  | 10.4 | 6.3  | 10   | 8.1  | 1    | 0.5  | 7.2  |
| U70663_at        | U70663 | ezf      | Zinc finger transcription factor hEFZ (EFZ) mRNA                               | 0    | 0    | 0    | 10.2 | 9.9  | 55.7 | 0    | 0    | 0    |
| D10923_at        | D10923 | hm74     | PROBABLE G PROTEIN-COUPLED RECEPTOR HM74                                       | 5    | 10.5 | 2.6  | 8.9  | 9.8  | 1.7  | 0.4  | 2.5  | 1.2  |
| HG1862           | HG1862 | calmod   | Calmodulin Type I  | 1.5  | 6.9  | 1.1  | 5.8  | 9.7  | 3.9  | 1.3  | 0.5  | 0.6  |
| U65093_at        | U65093 | mrg1     | Msg1-related gene 1 (mrg1) mRNA  | 0    | 0.7  | 0.4  | 7.2  | 9.6  | 10.4 | 0.2  | 0    | 0.4  |
| X66401_cds1_at   | X66401 | tap2     | LMP2 gene extracted from H.sapiens genes TAP1, TAP2, LMP2, LMP7 and DOB        | 30.6 | 20.6 | 32.4 | 12.9 | 9.6  | 6.3  | 6.1  | 23.6 | 31.9 |
| M69043_at        | M69043 | ikba     | MAJOR HISTOCOMPATIBILITY COMPLEX ENHANCER-BINDING PROTEIN MAD3                 | 23.9 | 19.6 | 11   | 14.8 | 9.5  | 4.7  | 4.3  | 3.7  | 4.8  |
| Z11697_at        | Z11697 | cd83     | CD83 ANTIGEN PRECURSOR   | 18.7 | 12.6 | 9.8  | 19.6 | 9.5  | 6    | 4.1  | 10.4 | 7.2  |
| Z70759_at        | Z70759 |          | Mitochondrial 16S rRNA gene (partial)  | 2.7  | 4    | 0.7  | 3.2  | 9.4  | 3.8  | 1    | 1.2  | 0.5  |
| M58597_at        | M58597 | cd15     | FUT4 Fucosyltransferase 4 (alpha (1.3) fucosyltransferase, myeloid-specific)   | 2.8  | 5.4  | 5.3  | 3.7  | 9.3  | 10.4 | 0.8  | 3.3  | 11.4 |
| U50648_s_at      | U50648 | pkc      | Interferon-inducible RNA-dependent protein kinase (Pkr) gene                   | 19.8 | 28.4 | 22.3 | 17.8 | 9.3  | 22.1 | 40.1 | 24.8 | 19.1 |
| X56468_at        | X56468 | tau      | 14-3-3 PROTEIN TAU   | 1.1  | 1.9  | 4.9  | 5.5  | 9.3  | 8.3  | 1.9  | 1.8  | 5.2  |
| D00762_at        | D00762 | psma3    | PROTEASOME COMPONENT C8  | 2.8  | 2.4  | 4.2  | 8.2  | 9.2  | 5.2  | 2.9  | 1.7  | 4.2  |
| X85116_rnal_s_at | X85116 | epb72    | Epb72 gene exon 1  | 8.4  | 15.6 | 27.9 | 5.1  | 9.1  | 13.8 | 0.8  | 6.5  | 12.7 |

Figure 2G

|             |        |         |   |       |       |       |      |     |      |      |      |      |
|-------------|--------|---------|---|-------|-------|-------|------|-----|------|------|------|------|
| D28137_at   | D28137 | bst2    | BONE MARROW STROMAL ANTIGEN 2 (BST-2)   | 5     | 9.1   | 12.9  | 11   | 9   | 14.9 | 7.9  | 6.2  | 27.8 |
| J04080_at   | J04080 | c1s     | C1S Complement component 1, s   | 4.2   | 12.6  | 61.6  | 5.6  | 8.9 | 31.4 | 3.7  | 6.4  | 18.9 |
| U09825_at   | U09825 | znf173  | ZNF173 Acid finger protein ZNF173   | 2.3   | 4.2   | 4.7   | 9    | 8.9 | 14.3 | 0.8  | 1.4  | 4.2  |
| U27699_at   | U27699 | slc6a12 | SODIUM, ATP-DEPENDENT BETAINE TRANSPORTER   | 0.9   | 0     | 51.9  | 14.9 | 8.9 | 6.6  | 0.5  | 0    | 42.8 |
| U10439_at   | U10439 | adar    | ADAR Double-stranded RNA adenosine deaminase  | 7.7   | 6.7   | 6.5   | 3.9  | 8.8 | 5    | 1    | 2.3  | 6.4  |
| Z48481_at   | Z48481 | mmp14   | MT-MMP protein  | 12.2  | 15.6  | 10.1  | 1.3  | 8.8 | 2.7  | 2    | 0    | 2.4  |
| U52101_at   | U52101 | emp3    | YMP mRNA  | 1.7   | 2.6   | 5.5   | 4.9  | 8.7 | 4.5  | 0.9  | 2.4  | 4    |
| Z14982_rna1 | Z14982 | lmp7    | MHC-encoded proteasome subunit gene LAMP7. E1 gene (proteasome subunit LMP7) extracted from H.sapiens gene for major histocompatibility complex encoded proteasome subunit LMP7 | 3.6   | 9.2   | 9.4   | 4.2  | 8.7 | 9.8  | 5.1  | 2.9  | 13.9 |
| M19650_s_at | M19650 | cnp     | CNP 2',3'-cyclic nucleotide 3' phosphodiesterase  | 21.4  | 6.9   | 9.7   | 5.5  | 8.5 | 1.8  | 0    | 0    | 3.8  |
| X05345_at   | X05345 | hars    | HARS Histidyl-tRNA synthetase   | 0.6   | 2.2   | 0     | 23.5 | 8.5 | 7.7  | 0    | 2.6  | 3.2  |
| M28130_rna1 | M28130 | il8     | Interleukin 8 (IL8) gene  | 109.8 | 107.8 | 333.5 | 6.2  | 8.3 | 33.6 | 2.6  | 1.9  | 9.2  |
| M82809_at   | M82809 | anx4    | ANX4 Annexin IV (placental anticoagulant protein II)  | 0     | 1.3   | 0.3   | 2.7  | 8.3 | 2.5  | 1.6  | 0.3  | 3.2  |
| D45248_at   | D45248 | pa28b   | Proteasome activator hPA28 subunit beta   | 13.1  | 17.2  | 6.2   | 17.1 | 8.2 | 5.7  | 34.3 | 17.3 | 5.5  |
| M55040_at   | M55040 | ache    | ACHE Acetylcholinesterase (YT blood group)  | 2     | 0.9   | 1.3   | 7.6  | 8.2 | 4.7  | 0.3  | 1    | 1.3  |
| U31628_at   | U31628 | il15ra  | IL15RA Interleukin 15 receptor alpha chain  | 13    | 55.5  | 212.3 | 3.2  | 8.2 | 44.4 | 1.1  | 8.4  | 83.6 |
| M31724_at   | M31724 | ptp1b   | PTPN1 Tyrosine phosphatase 1  | 14.7  | 15.8  | 16.2  | 6.7  | 8.1 | 4.1  | 4.6  | 3.5  | 7.3  |
| M95809_at   | M95809 | gtt2h1  | BASIC TRANSCRIPTION FACTOR 62 kD SUBUNIT  | 1     | 1.3   | 0.2   | 3.1  | 8.1 | 16.7 | 0.1  | 0.5  | 3.3  |
| X76648_at   | X76648 | glrx    | GLRX Glutaredoxin (thioltransferase)  | 7     | 6.9   | 3.5   | 6.7  | 8.1 | 2.2  | 2    | 7.4  | 9.7  |
| L06797_s_at | L06797 | cxcr4   | PROBABLE G PROTEIN-COUPLED RECEPTOR   | 12.7  | 19.2  | 30.6  | 8.8  | 7.9 | 19   | 14.9 | 4.1  | 30.7 |
| L15702_at   | L15702 | bf      | BF B-factor, properdin  | 46.3  | 64.4  | 85.6  | 3.3  | 7.9 | 7.8  | 5.4  | 6.5  | 33.8 |
| D14826_s_at | D14826 | crem    | CREM CAMP responsive element modulator  | 3.4   | 2     | 6.3   | 13.7 | 7.8 | 50.6 | 5.1  | 1.6  | 7.4  |

Figure 2H

| Accession   | Gene   | Protein | Signal Transducer and Activator of Transcription 1-Alpha/Beta                                      | 7.4  | 11.4 | 16.9  | 13.4 | 7.7 | 11.4 | 48.3 | 40  | 28.5 |
|-------------|--------|---------|--|------|------|-------|------|-----|------|------|-----|------|
| M97936_at   | stat1  |         |  |      |      |       |      |     |      |      |     |      |
| AF008445_at |        |         |  |      |      |       |      |     |      |      |     |      |
| AF008445    | plscr1 |         | Phospholipid scramblase mRNA   | 28.9 | 17.3 | 127.1 | 2    | 7.6 | 38.3 | 1.2  | 6.3 | 88.5 |
| D42073_at   | rcn1   |         | Reticulocalbin   | 5.7  | 18.4 | 61.3  | 10   | 7.5 | 13.7 | 9.2  | 2.1 | 41.5 |
| X12451_at   | ctsl   |         | CTSL Cathepsin L   | 10.8 | 14.4 | 8.8   | 10.6 | 7.5 | 5.1  | 1    | 2.8 | 10.9 |
| M81750_at   | mnda   |         | MNDA Myeloid cell nuclear differentiation antigen  | 0    | 2.2  | 0.4   | 3.7  | 7.4 | 7.8  | 1.7  | 4.3 | 10.4 |
| Z47087_at   | skp1a  |         | TCEB1L Transcription elongation factor B (SIII), polypeptide 1-like                                | 1.5  | 2.3  | 0.8   | 5.7  | 7.4 | 2.6  | 2.7  | 0   | 1    |
| Z68228_s_at | dp3    |         | JUP Junction plakoglobin   | 0.9  | 1.8  | 0     | 6.2  | 7.4 | 7.9  | 0.3  | 1.6 | 0.6  |
| HG4606      |        |         |  |      |      |       |      |     |      |      |     |      |
| HT5011_at   |        |         | Centractin, Alpha  | 1.6  | 3.7  | 5.3   | 2.4  | 7.3 | 3    | 1.7  | 0.9 | 1.8  |
| M38591_at   | cal11  |         | S100A10 S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) | 4.1  | 5.9  | 5.6   | 3.8  | 7.3 | 4.6  | 1.3  | 0.7 | 1.6  |
| U59748_at   | dhh    |         | Desert hedgehog (hdhh) mRNA, partial cds   | 0.6  | 0    | 2.4   | 5.4  | 7.3 | 24.5 | 0    | 0.1 | 1.8  |
| X68277_at   | dup1   |         | Alpha-tubulin mRNA   | 10.5 | 15.9 | 12.7  | 4    | 7.3 | 8.6  | 2    | 0.5 | 1.6  |
| X58521_at   | nup62  |         | NUCLEAR PORE GLYCOPROTEIN P62  | 8.3  | 5.6  | 15    | 10.8 | 7.2 | 15.3 | 1.7  | 0.3 | 6.8  |
| X59417_at   | psma6  |         | PROTEASOME IOTA CHAIN  | 8.7  | 15.2 | 10.8  | 6.5  | 7.2 | 8.1  | 2    | 6.8 | 5.4  |
| U44975_at   | bcd1   |         | DNA-binding protein CPBP (CPBP) mRNA, partial cds  | 2.4  | 11.3 | 6.8   | 3.7  | 7.1 | 7.8  | 1.5  | 4.2 | 5.3  |
| U59863_at   | itraf  |         | TRAF-interacting protein 1-TRAF mRNA   | 1.3  | 5.5  | 4.5   | 4.7  | 7.1 | 7.7  | 2.1  | 4.9 | 5.9  |
| HG3514      |        |         |  |      |      |       |      |     |      |      |     |      |
| HT3708_at   | tm30nm |         | Tropomyosin Tm30nm, Cytoskeletal   | 2.5  | 3.4  | 0     | 5.3  | 7   | 3    | 0.8  | 1.5 | 1.4  |
| HG3521      |        |         |  |      |      |       |      |     |      |      |     |      |
| HT3715_at   | rap1b  |         | Ras-Related Protein Rap1b  | 6.3  | 0.9  | 4.3   | 4.7  | 7   | 2.8  | 0.6  | 0   | 1.8  |
| M16707      |        |         | Histone H4 gene, clone F0108   | 0.3  | 0.8  | 1.4   | 4.8  | 7   | 2.8  | 0.4  | 0   | 1.7  |
| S77154_s_at | nurr1  |         | TINUR  | 0.2  | 5.1  | 0.3   | 8.6  | 6.8 | 9.8  | 0.7  | 0   | 0.7  |
| M16038_at   | lyn    |         | LYN V-yes-1 Yamaguchi sarcoma viral related oncogene homolog                                       | 7.9  | 5.6  | 9.1   | 11.6 | 6.7 | 5    | 1.6  | 4.7 | 7.1  |

Figure 2I



|                   |        |          |  |       |      |       |      |     |      |      |      |      |
|-------------------|--------|----------|--|-------|------|-------|------|-----|------|------|------|------|
| M79462_at_        | M79462 | myl      | PML Probable transcription factor PML<br>{alternative products}                                  | 3.1   | 8.9  | 6.2   | 2.7  | 6.7 | 6.2  | 3.3  | 3.8  | 6.8  |
| S73591_at_        | S73591 |          | Brain-expressed HHCPA78 homolog [human, HL-60 acute promyelocytic leukemia cells, mRNA, 2704 nt] | 0.2   | 1.6  | 0     | 5.1  | 6.7 | 3.2  | 0.3  | 0.4  | 0.8  |
| X14684_s_at_      | X14684 | ssb      | SSB Sjogren syndrome antigen B (autoantigen La)  | 2.7   | 4.2  | 1.5   | 8.8  | 6.7 | 12.1 | 7.4  | 9.4  | 6    |
| D84276_at_        | D84276 | cd38     | CD38 CD38 antigen (p45)  | 32.4  | 70.8 | 168.3 | 6.1  | 6.6 | 20.8 | 0.2  | 34.9 | 132  |
| M12174_at_        | M12174 | arh6     | ARH6 Aplysia ras-related homolog 6   | 1.2   | 0.2  | 0.2   | 6.1  | 6.6 | 2.1  | 0.9  | 1.1  | 0    |
| U16811_s_at_      | U16811 | bak1     | Bak protein mRNA   | 0.9   | 3.7  | 1.9   | 3.9  | 6.6 | 3.7  | 2.8  | 1.5  | 1.7  |
| HG2167_           | HG2167 |          |  |       |      |       |      |     |      |      |      |      |
| HT2237_at_        | HT2237 | pkht31   | Protein Kinase Ht31, Camp-Dependent  | 8.6   | 5.6  | 4.3   | 7.8  | 6.5 | 2    | 1.9  | 0.5  | 3.4  |
| X89985_at_        | X89985 | bcl7b    | BCL7 B cell lymphoma protein 7B  | 3.2   | 2.1  | 3.2   | 5.7  | 6.5 | 4.3  | 1.9  | 0.3  | 0.9  |
| Z48950_at_        | Z48950 | h3f3b    | HISTONE H3.3   | 7.2   | 4.2  | 3.8   | 11.2 | 6.5 | 7    | 1.6  | 0.7  | 1.9  |
| X61970_at_        | X61970 | p5c5     | PROTEASOME ZETA CHAIN  | 4.3   | 5.5  | 8.8   | 2.6  | 6.4 | 2.7  | 1.1  | 3.8  | 6.1  |
| X65644_at_        | X65644 | hivep2   | IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2   | 9.1   | 5.7  | 12.3  | 3.8  | 6.3 | 4.7  | 2.2  | 0.5  | 5.4  |
| M72885_rnal_s_at_ | M72885 | GOS2     | GOS2 gene extracted from Human GOS2 gene, 5' flank and cds                                       | 126.1 | 38   | 44.9  | 10.8 | 6.2 | 5.3  | 10.4 | 11.3 | 18.7 |
| L22342_at_        | L22342 | unknown  | Nuclear phosphoprotein mRNA  | 3.8   | 9.7  | 11.4  | 4.1  | 6.1 | 7    | 11.5 | 12.2 | 21.7 |
| M62324_at_        | M62324 | mrf-1    | Modulator recognition factor 1 (MRF-1) mRNA, 3' end  | 4.8   | 8.6  | 10.2  | 7.9  | 6.1 | 14.3 | 1.8  | 3.4  | 6.2  |
| U01691_s_at_      | U01691 | annexinV | Annexin V (ANX5) gene, 5'-untranslated region  | 8     | 3.6  | 4.3   | 6.2  | 6   | 2.2  | 1.8  | 0.1  | 1.7  |
| D10040_at_        | D10040 | fac12    | FACL1 Long chain fatty acid acyl coA ligase  | 24.7  | 15.2 | 26.2  | 13.5 | 5.9 | 12.4 | 2.2  | 4.4  | 24.1 |
| U96915_at_        | U96915 | sin3     | Sin3 associated polypeptide p18 (SAP18) mRNA   | 3.3   | 3    | 5.4   | 12   | 5.9 | 7.4  | 1.2  | 4.2  | 7.2  |
| X96719_at_        | X96719 | aicl     | AICL (activation-induced C-type lectin)  | 0     | 1.7  | 0     | 4.9  | 5.9 | 5.9  | 0.5  | 0.9  | 9.8  |
| S59049_at_        | S59049 | ier1     | RGS1 Regulator of G-protein signalling 1   | 4.5   | 25.9 | 15.9  | 2.2  | 5.8 | 9.1  | 6.6  | 10.8 | 34   |
| X13839_at_        | X13839 | acta2    | ACTIN, AORTIC SMOOTH MUSCLE (ALPHA-ACTIN 2)  | 0.1   | 0.7  | 1.2   | 7.5  | 5.8 | 5.6  | 0    | 5.4  | 3.4  |
| X54304_at_        | X54304 | mlcb     | Myosin regulatory light chain mRNA   | 3.6   | 5.9  | 1.3   | 6.4  | 5.8 | 4.8  | 1.6  | 1.1  | 3    |
| K01396_at_        | K01396 | aat      | PI Protease inhibitor 1 (anti-elastase), alpha-1-antitrypsin                                     | 47.3  | 55.4 | 72.2  | 4.7  | 5.7 | 2.9  | 0.9  | 4.7  | 3    |

Figure 2J

|             |          |             |   |      |      |      |      |     |      |      |      |      |
|-------------|----------|-------------|---|------|------|------|------|-----|------|------|------|------|
| L20773_at   | L20773   |             | mRNA in the region near the btk gene involved in a gamma-globulinemia (clone hEHK1-L) EHK1 receptor tyrosine kinase ligand (EFL-2) mRNA | 2.8  | 1.8  | 1.2  | 3.2  | 5.7 | 3.9  | 1.3  | 0.9  | 2.6  |
| L37360_s_at | L37360   | efna3       |   | 0.5  | 2.2  | 1.6  | 1.9  | 5.7 | 1.9  | 1    | 3.4  | 0.9  |
| U03105_at   | U03105   | b4-2        | B4-2 protein mRNA   | 29.4 | 10.7 | 8.2  | 11.4 | 5.7 | 5    | 6.4  | 2.6  | 3.1  |
| J04111_at   | J04111   | jun         | C-jun proto oncogene (JUN), clone hCJ.1   | 2.2  | 4.2  | 2.4  | 19.1 | 5.6 | 13.4 | 1.6  | 0.5  | 4    |
| M86400_at   | M86400   | ywhaz       | YWHAZ Tyrosine 3-monooxygenase/tryptophan 5 monooxygenase activation protein, zeta polypeptide  | 6.6  | 2.8  | 1.2  | 6.6  | 5.6 | 1.8  | 2.1  | 0.1  | 1    |
| U18937_at   | U18937   |             | Histidyl-tRNA synthetase homolog (HO3) mRNA   | 1.7  | 1.6  | 1.3  | 3.6  | 5.6 | 5.4  | 0.8  | 0    | 1.4  |
| X05908_at   | X05908   | anxa1       | ANX1 Annexin I (lipocortin I)   | 5.2  | 2.9  | 6.4  | 7.5  | 5.6 | 5.2  | 2.8  | 0.4  | 3.6  |
| L40379_at   | L40379   | trip10      | Thyroid receptor interactor (TRIP10) mRNA, 3' end of cds  | 34.8 | 37.1 | 33   | 5.3  | 5.5 | 7.6  | 22.2 | 8.9  | 13.5 |
| M23254_at   | M23254   | capn2       | CAPN2 Calpain, large polypeptide L2   | 2.2  | 2.3  | 4.4  | 2.4  | 5.5 | 2.3  | 0.7  | 3.1  | 4.6  |
| X96506_s_at | X96506   | nc2a        | NC2 alpha subunit   | 1.8  | 1.4  | 0.8  | 4.8  | 5.5 | 2.4  | 0.6  | 0    | 1.1  |
| D00760_at   | D00760   | hc3         | PSMA3 Proteasome component C3   | 9.4  | 4.2  | 8.6  | 8    | 5.4 | 3.7  | 1.4  | 4.6  | 12.4 |
| S54005_at   | S54005   | thymosinb10 | THYMOSIN BETA-10  | 4.2  | 8.6  | 1.7  | 3    | 5.4 | 3.7  | 4.4  | 3.2  | 0.6  |
| U22398_at   | U22398   | bws         | Cdk-inhibitor p57KIP2 (KIP2) mRNA   | 0    | 1.7  | 0.1  | 5.1  | 5.4 | 11.7 | 0.7  | 1    | 2.2  |
| U68063_at   | U68063   | srfs10      | Putative splice factor transformer2-beta mRNA   | 1.4  | 1.8  | 0    | 1.8  | 5.4 | 2.9  | 1.2  | 0.6  | 0.5  |
| X56841_at   | X56841   | hla-e       | HLA-E MHC class I antigen HLA-E   | 0.7  | 1.1  | 5.7  | 5.8  | 5.4 | 11.3 | 1    | 1.9  | 8    |
| AF014958_at | AF014958 | ccr6        | Chemokine receptor X (CCR6) mRNA  | 3.6  | 9.2  | 36.3 | 3.7  | 5.3 | 6.6  | 5.1  | 4.3  | 10   |
| HG2917      | HG2917   |             | Major Histocompatibility Complex, Class I, E (Gb:M21533)  | 5.7  | 7.6  | 9.2  | 5.3  | 5.3 | 3    | 2.5  | 3.9  | 6.2  |
| HT3061_f_at | HT3061   | hla         | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA   | 4.1  | 7.9  | 10.5 | 2.5  | 5.3 | 12.2 | 9.8  | 17.2 | 36.7 |
| M97935_s_at | M97935   | stat1       | Novel T-cell activation protein   | 0.4  | 1.2  | 1    | 2.5  | 5.3 | 3.2  | 0.6  | 0.9  | 0.8  |
| X94232_at   | X94232   | MAPRE2      | Unknown product   | 7.1  | 5    | 14.7 | 25.1 | 5.2 | 12   | 2.6  | 1.1  | 3.3  |
| D28124_at   | D28124   | d1s1733e    |   |      |      |      |      |     |      |      |      |      |

Figure 2K

|  |   |                                     |   |                                  |                                  |                                  |                                |                           |                                 |                                |                               |                                 |
|--|---|-------------------------------------|---|----------------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|---------------------------------|--------------------------------|-------------------------------|---------------------------------|
| HG544.<br>HT544_at   | HG544.<br>HT544   | ecgf                                | Endothelial Cell Growth Factor 1  | 5.9                              | 15.3                             | 4.8                              | 10.4                           | 5.2                       | 2.1                             | 26.7                           | 16.5                          | 7                               |
| J00105_s_at<br>U56402_s_at   | J00105<br>U56402  | b2m                                 | BETA-2-MICROGLOBULIN PRECURSOR<br>Chromatin structural protein homolog (SUPT5H)   | 5.7                              | 3.6                              | 3.8                              | 5                              | 5.2                       | 6.5                             | 1.7                            | 0.8                           | 1.7                             |
| X85133_at<br>Z71389_at<br>M21186_at  | X85133<br>Z71389<br>M21186  | spt5h<br>rbp6<br>defensinb2<br>cyba | RBQ-1 mRNA<br>Skin antimicrobial peptide 1 (SAP1)<br>CYBA Cytochrome b-245, alpha polypeptide<br>PTPN12 Protein tyrosine phosphatase, non-receptor type 12  | 2.9<br>0.8<br>1.9<br>2.7         | 3<br>2.5<br>0.5<br>8.7           | 5<br>4.8<br>7.7<br>2             | 5.5<br>4.2<br>12<br>1.6        | 5.2<br>5.2<br>5.2<br>5.1  | 3<br>30.4<br>6.4<br>1.6         | 1.1<br>0.7<br>1.2<br>0.9       | 0.1<br>0<br>5.3<br>0.5        | 7.6<br>1.3<br>0.3<br>2.2        |
| M93425_at<br>S78085_at<br>X74104_at<br>Z14978_at   | M93425<br>S78085<br>X74104<br>Z14978  | ptpg1<br>pdc2<br>ssr2               | receptor type 12<br>PDCD2 Programmed cell death 2<br>SSR2 Signal sequence receptor, beta<br>ALPHA-CENTRACTIN  | 8.4<br>1.5<br>0.8<br>0.5         | 5.1<br>1<br>2<br>0.6             | 3.3<br>0.6<br>0.1<br>0           | 2.5<br>1.6<br>5.1<br>1.1       | 5.1<br>5.1<br>5.1<br>5.1  | 2.3<br>3.3<br>1.7<br>5.6        | 1.3<br>0<br>1.3<br>0           | 2.4<br>0<br>0.6<br>0          | 1<br>0.3<br>2.1<br>0            |
| D42040_s_at<br>HG2639.<br>HT2735_s_at  | D42040<br>HG2639.<br>HT2735   | ring3                               | RING3 PROTEIN   | 1.3                              | 1.7                              | 1.8                              | 7.3                            | 5                         | 7                               | 1.4                            | 2.1                           | 2.7                             |
| X63679_at<br>X89750_at<br>D30755_at<br>HG987.<br>HT987_at<br>X57985_rna2<br>X78687_at<br>Y10032_at | X63679<br>X89750<br>D30755<br>HG987.<br>HT987<br>X57985<br>X78687<br>Y10032 | tram<br>hpe4<br>NAF1<br>igfbp7      | Single-Stranded Dna-Binding Protein Mssp.1<br>TRAMP protein<br>TGIF protein<br>VIM Vimentin<br>Mac25<br>GLI05 gene (histone H2B) extracted from<br>H.sapiens genes for histones H2B.1 and H2A<br>G9 gene encoding sialidase<br>Putative serine/threonine protein kinase | 8.3<br>2.6<br>5.7<br>56.3<br>2.3 | 2.6<br>0.4<br>4.6<br>28.2<br>5.7 | 2.5<br>1.9<br>6.6<br>19.6<br>2.8 | 9<br>3.3<br>9.9<br>19.9<br>4.8 | 5<br>5<br>5<br>4.9<br>4.9 | 2.3<br>3.8<br>5.9<br>5.9<br>2.7 | 1<br>1.4<br>1.8<br>14.1<br>1.2 | 1.1<br>1.2<br>2.7<br>5.3<br>0 | 3.8<br>3.2<br>5.9<br>7.9<br>2.1 |
| U36341_rna1<br>U40369_rna1<br>at   | U36341<br>U40369  | slc6a8<br>sat                       | SLC6A8 gene (creatine transporter) extracted<br>from Human Xq28 cosmid, creatine transporter<br>(SLC6A8) gene, and CDM gene, partial cds<br>Spermidine/spermine N1-acetyltransferase<br>(SSAT) gene   | 0<br>9.1                         | 1<br>5.3                         | 1.4<br>12.1                      | 2.4<br>10.6                    | 4.8<br>4.8                | 7.7<br>9.8                      | 0.6<br>6.3                     | 0<br>4.1                      | 2.1<br>8.1                      |

Figure 2L

|                |          |         |  |      |      |      |      |     |       |     |     |      |
|----------------|----------|---------|--|------|------|------|------|-----|-------|-----|-----|------|
| U93205_at      | U93205   | ncc27   | Nuclear chloride ion channel protein (NCC27) mRNA  | 2.7  | 3.2  | 2.2  | 5    | 4.8 | 1.6   | 0.4 | 3.6 | 2.2  |
| D29805_at      | D29805   | b4galt1 | GGTB2 Glycoprotein-4-beta-galactosyltransferase 2  | 13.4 | 9    | 12.9 | 6.1  | 4.7 | 3     | 0.7 | 3.5 | 4.5  |
| M10901_at      | M10901   | gcr     | GRL Glucocorticoid receptor  | 1.9  | 2    | 3.9  | 4.2  | 4.7 | 11.5  | 1.2 | 1.5 | 1.4  |
| U03851_at      | U03851   | capza2  | Capping protein alpha mRNA, partial cds  | 0.4  | 1.5  | 0    | 3.9  | 4.7 | 4.9   | 1.1 | 0.5 | 1.2  |
| U37547_at      | U37547   | ciap1   | IAP homolog B (MIHB) mRNA  | 4.8  | 4.7  | 17.9 | 3.7  | 4.7 | 27.3  | 1.1 | 1.7 | 10.7 |
| M59807_at      | M59807   | nk4     | NATURAL KILLER CELLS PROTEIN 4 PRECURSOR   | 20.5 | 2.5  | 10.6 | 11.1 | 4.6 | 11.4  | 2.6 | 4.8 | 16.3 |
| M63438_s_at    | M63438   |         | GLUL Glutamate-ammonia ligase (glutamine synthase)   | 1.6  | 0.2  | 0.2  | 2.6  | 4.6 | 137.4 | 0   | 0   | 1.2  |
| X05855_s_at    | X05855   |         | EEF1G Translation elongation factor 1 gamma  | 0.4  | 2.2  | 0.3  | 4.5  | 4.6 | 1.5   | 1.5 | 0.5 | 0    |
| X61123_at      | X61123   | btg1    | BTG1 B-cell translocation gene 1, anti-proliferative   | 30.4 | 26.8 | 14.4 | 8.4  | 4.6 | 4.4   | 3.6 | 7.4 | 9.7  |
| AB006782_at    | AB006782 | gal9    | Galectin-9 isoform   | 1.7  | 3.5  | 1.1  | 6.9  | 4.5 | 3.6   | 4.5 | 9.3 | 1    |
| D14874_at      | D14874   | adm     | ADM Adrenomedullin   | 18   | 20.1 | 46.2 | 3.4  | 4.5 | 10.4  | 2.5 | 5.2 | 16.1 |
| D29642_at      | D29642   |         | HYPOTHETICAL MYELOID CELL LINE PROTEIN 3   | 9.6  | 15.1 | 10.3 | 2.2  | 4.5 | 3.4   | 0.4 | 3.8 | 9.5  |
| HG4297_at      | HG4297   | TCPC4   | Transcriptional Coactivator Pc4  | 2.6  | 2.7  | 4.8  | 6.4  | 4.5 | 6.3   | 2.5 | 4.3 | 9.5  |
| U57971_s_at    | U57971   | atp2b3  | Calcium ATPase isoform 3x/a mRNA   | 5    | 3.9  | 1.9  | 1.5  | 4.5 | 1.6   | 0   | 1   | 0.9  |
| X92106_at      | X92106   | blmh    | Bleomycin hydrolase  | 1    | 1.4  | 0    | 1.6  | 4.5 | 5.5   | 0.3 | 1.4 | 0    |
| D13146_cds1_at | D13146   | cnp     | 2',3'-cyclic-nucleotide 3'-phosphodiesterase gene extracted from Human 2',3'-cyclic-nucleotide 3'-phosphodiesterase gene | 15.9 | 13.4 | 25.3 | 6.2  | 4.4 | 10.1  | 5.6 | 3.8 | 11.2 |
| D38551_at      | D38551   | unknown | KIAA0078 gene  | 7.3  | 5.6  | 3.9  | 2.8  | 4.4 | 3.5   | 0   | 0.6 | 2.8  |
| L07633_at      | L07633   | pa28a   | INTERFERON GAMMA UP-REGULATED 1:5111 PROTEIN PRECURSOR   | 5.1  | 8.1  | 13.1 | 5    | 4.4 | 6.6   | 2.3 | 4.3 | 20.1 |
| M82882_at      | M82882   | elf1    | ETS-RELATED TRANSCRIPTION FACTOR ELF-1   | 1.4  | 0.7  | 0.8  | 3.2  | 4.4 | 4     | 1.1 | 1.3 | 0.6  |
| S82297_at      | S82297   | b2m     | BETA-2-MICROGLOBULIN PRECURSOR   | 9.5  | 1.6  | 3.1  | 6.3  | 4.4 | 3.4   | 1.3 | 0   | 1.4  |
| U04209_at      | U04209   | mfap1   | Associated microfibrillar protein mRNA   | 1    | 2    | 4.8  | 1.7  | 4.4 | 6.5   | 0   | 0   | 5.9  |

Figure 2M

|             |         |          |  |      |     |      |      |     |      |     |      |      |
|-------------|---------|----------|--|------|-----|------|------|-----|------|-----|------|------|
| D00763_at   | D00763  | psma4    | (GAPD Glyceraldehyde-3-phosphate dehydrogenase)  | 6.1  | 4.5 | 3    | 10.5 | 4.3 | 6    | 7   | 11.2 | 3.7  |
| D78132_s_at | D78132  | rheb2    | Ras homologue enriched in brain (RHEB) gene,   | 1.9  | 2.2 | 0.9  | 6.1  | 4.3 | 2.1  | 1.7 | 0.9  | 1.7  |
| L76200_at   | L76200  | guk1     | Ras-related GTP-binding protein gene   | 1    | 8.4 | 0.2  | 3.3  | 4.3 | 3.5  | 1   | 0.3  | 3.1  |
| HG2915_     | HG2915_ |          | Guanylate kinase (GUK1) mRNA   |      |     |      |      |     |      |     |      |      |
| HT3059_f_at | HT3059  | hla      | Major Histocompatibility Complex, Class I, E (Gb:M20022)                               | 6.1  | 6.3 | 8.8  | 5.8  | 4.2 | 2.8  | 1.8 | 3.6  | 5.6  |
| M19645_at   | M19645  | grp78    | 78 KD GLUCOSE REGULATED PROTEIN  | 4.2  | 1   | 0    | 4.8  | 4.2 | 1.8  | 0.9 | 5.7  | 1.8  |
| M79463_s_at | M79463  | myl      | PRECURSOR  | 5.8  | 7.6 | 13.3 | 2    | 4.2 | 4.1  | 7.1 | 5.9  | 11.1 |
| S68271_s_at | S68271  | crem     | PML Probable transcription factor PML {alternative products}                           | 1.1  | 0.9 | 4.2  | 12.6 | 4.2 | 18.2 | 1.1 | 0.9  | 3.8  |
| U28488_s_at | U28488  | c3ar1    | CREM CAMP responsive element modulator Putative G protein-coupled receptor (AZ3B) mRNA | 0.6  | 3   | 2.1  | 2.7  | 4.2 | 3.4  | 0.9 | 0.7  | 3.2  |
| X74039_at   | X74039  | plaur    | Variant urokinase plasminogen activator receptor (uPAR2) mRNA, partial cds             | 1.6  | 15  | 7.3  | 1.6  | 4.2 | 2.8  | 1.5 | 5.4  | 5.1  |
| X75042_at   | X75042  | nfb crel | REL V-rel avian reticuloendotheliosis viral oncogene homolog                           | 3.6  | 2.6 | 6.6  | 2.2  | 4.2 | 5.5  | 0.6 | 1.6  | 9.4  |
| D30655_at   | D30655  | eif4a2   | EIF4A2 Eukaryotic translation initiation factor 4A (eIF-4A) isoform 2                  | 2    | 3.1 | 2.4  | 1.6  | 4.1 | 3.7  | 1.8 | 0.3  | 2.1  |
| M94880_f_at | M94880  | hla-a    | HLA-A MHC class I protein HLA-A (HLA-A28, B40, Cw3)                                    | 10.9 | 4.3 | 5.3  | 6.1  | 4.1 | 2.4  | 1.3 | 1.7  | 2.9  |
| U03644_at   | U03644  |          | Recepin mRNA   | 1.6  | 1.7 | 3.4  | 1.9  | 4.1 | 6.9  | 0.9 | 2.3  | 8.3  |
| U50327_s_at | U50327  |          | Protein kinase C substrate 80K-H gene (PRKCSH)   | 2.6  | 0.9 | 1.3  | 2.1  | 4.1 | 4.3  | 0   | 1.4  | 0.5  |
| U60519_at   | U60519  | casp10   | Apoptotic cysteine protease Mch4 (Mch4) mRNA   | 1    | 0.6 | 6.7  | 3.1  | 4.1 | 7.1  | 0   | 4.9  | 15.4 |
| U83463_at   | U83463  | pbp1     | Scaffold protein Pbp1 mRNA   | 1.9  | 2.5 | 2.5  | 2.8  | 4.1 | 2.4  | 1.3 | 0.8  | 2.5  |
| X77366_at   | X77366  | nfe2l1   | TCF11 Transcription factor 11 (basic leucine zipper type)                              | 2.3  | 10  | 16.4 | 3.5  | 4.1 | 3.4  | 0   | 4.9  | 15.7 |
| M63838_s_at | M63838  | ifi16    | Interferon-gamma induced protein (IFI 16) gene   | 0    | 0.4 | 0    | 2.6  | 4   | 4    | 0.1 | 0.1  | 2.8  |
| M76766_at   | M76766  | gtf2b    | GTF2B General transcription factor IIB   | 2    | 1.1 | 5.1  | 3    | 3.9 | 2.2  | 0.7 | 2.3  | 5    |

Figure 2N

|             |          |        |  |      |      |       |      |     |      |      |     |      |
|-------------|----------|--------|--|------|------|-------|------|-----|------|------|-----|------|
| X03484_at   | X03484   | raf1   | RAF1 V-raf-1 murine leukemia viral oncogene homolog 1                              | 3.1  | 2.9  | 1.3   | 2.5  | 3.9 | 3.8  | 0.3  | 0.5 | 2.8  |
| X51345_at   | X51345   | junb   | JUNB Jun B proto-oncogene  | 4.8  | 7.2  | 5.4   | 2.3  | 3.9 | 5.2  | 1    | 2   | 1.8  |
| X99585_at   | X99585   | smt3h2 | SMT3B protein  | 0.7  | 0.2  | 1     | 4.6  | 3.9 | 1.9  | 1.3  | 1   | 0.8  |
| D49824_s_at | D49824   | hla-b  | HLA-B null allele mRNA   | 5    | 4.7  | 2     | 5    | 3.8 | 3.7  | 1.2  | 0.5 | 0.8  |
| U51478_at   | U51478   | atp1b3 | Sodium/potassium-transporting ATPase beta-3 subunit mRNA                           | 8.2  | 5    | 7.3   | 5.6  | 3.8 | 4.3  | 1.4  | 2.6 | 5.1  |
| U82987_at   | U82987   |        | Bcl-2 binding component 3 (bbc3) mRNA, partial cds                                 | 0.3  | 3.7  | 6.5   | 0.5  | 3.8 | 25.2 | 1.9  | 0   | 14.5 |
| X97748_s_at | X97748   |        | PTX3 gene promoter region  | 2.2  | 0    | 175.8 | 2.3  | 3.8 | 10.5 | 0.1  | 0.7 | 0.2  |
| D28423_at   | D28423   |        | Pre-mRNA splicing factor SRP20, 5'UTR (sequence from the 5'cap to the start codon) | 0    | 0    | 0.9   | 7.5  | 3.7 | 4    | 0.2  | 1.1 | 0.7  |
| D64154_at   | D64154   |        | Mr 110,000 antigen   | 1.2  | 1.4  | 0.5   | 2.1  | 3.7 | 2    | 2.5  | 2.3 | 1.4  |
| M16750_s_at | M16750   | pim1   | PIM1 Pim-1 oncogene  | 28.7 | 21.8 | 41.8  | 4.2  | 3.7 | 9.4  | 3    | 5.9 | 8.2  |
| M62505_at   | M62505   | c5ar   | C5R1 Complement component 5 receptor 1 (C5a ligand)                                | 3.6  | 3.4  | 5.8   | 13.3 | 3.7 | 6.8  | 2.7  | 1.4 | 7.1  |
| U04285_s_at | U04285   | lipa   | LIPA Lipase A, lysosomal acid, cholesterol esterase                                | 0    | 0.5  | 1     | 1.9  | 3.7 | 1.9  | 2    | 0   | 1.1  |
| U37546_s_at | U37546   | ciap2  | IAP homolog C (MIHC) mRNA  | 54.1 | 48.6 | 62.2  | 5.3  | 3.7 | 31.5 | 22.7 | 34  | 55.9 |
| Z19554_s_at | Z19554   | vim    | VIM Vimentin   | 2.5  | 3    | 1.6   | 3.5  | 3.7 | 2.1  | 1.4  | 0.6 | 1.2  |
| AF006041_at | AF006041 | daxx   | Fas-binding protein (DAXX) mRNA, partial cds                                       | 2    | 2.5  | 4.7   | 4.1  | 3.6 | 7.8  | 4.2  | 1.6 | 2.8  |
| D50928_at   | D50928   |        | KIAA0138 gene  | 1.3  | 1.6  | 0     | 2    | 3.6 | 2.3  | 0    | 0   | 0.6  |
| Y08614_at   | Y08614   | crm1   | CRM1 protein   | 0.6  | 3    | 0.2   | 4.8  | 3.6 | 6.8  | 1.1  | 0.8 | 1.6  |
| AJ001421_at | AJ001421 | pex10  | Pex10 protein  | 2.6  | 7.8  | 0.7   | 1.6  | 3.5 | 1.4  | 1.7  | 0.2 | 2.4  |
| D86550_at   | D86550   | dyrk1a | Serine/threonine protein kinase  | 1.3  | 2.9  | 6.8   | 6    | 3.5 | 7.3  | 1.9  | 2.1 | 2    |
| HG658       | HG658    |        | Major Histocompatibility Complex, Class I, C (Gb:X58536)                           | 7.3  | 5.2  | 2.3   | 6.2  | 3.5 | 5.9  | 2.5  | 2.1 | 1.1  |
| HT658_f_at  | HT658    | hla-c  |  | 5.6  | 3.1  | 8.9   | 2.5  | 3.5 | 4.4  | 1.4  | 1.2 | 1.8  |
| K02574_at   | K02574   | np     | NP Nucleoside phosphorylase  |      |      |       |      |     |      |      |     |      |

Figure 20

| L13210_at_        | L13210 | mac2bp     | Mac-2 binding protein mRNA   | 6    | 19.5 | 21   | 5.6  | 3.5 | 11.5 | 27.3 | 11.8 | 32.5 |
|-------------------|--------|------------|--|------|------|------|------|-----|------|------|------|------|
| M11717_rna1_at_   | M11717 | hspa1a     | Heat shock protein (hsp 70) gene   | 2.8  | 21   | 3    | 9.6  | 3.5 | 2.7  | 1.2  | 2.3  | 1    |
| M55543_at_        | M55543 | GBP2       | INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 2   | 30.7 | 16.1 | 47.1 | 11.4 | 3.5 | 6.1  | 7.5  | 19.1 | 23.5 |
| X68486_at_        | X68486 | adora2a    | ADENOSINE A2A RECEPTOR   | 6.8  | 21.8 | 49.3 | 3.4  | 3.5 | 20.3 | 3.2  | 1.6  | 9.8  |
| J00314_at_        | J00314 |            | mRNA fragment encoding beta tubulin. (from clone D-beta-1)                                   | 0.8  | 0    | 0    | 3.4  | 3.4 | 1.5  | 0.7  | 2.9  | 0.1  |
| U22897_at_        | U22897 | ndp52      | Nuclear domain 10 protein (ndp52) mRNA   | 3.4  | 1.7  | 8.3  | 6.5  | 3.4 | 8.6  | 1    | 1.6  | 6.2  |
| U52682_at_        | U52682 | irf4       | IRF4 Interferon regulatory factor 4  | 6.3  | 12.4 | 4.1  | 4.5  | 3.4 | 2.2  | 1.3  | 3.2  | 7    |
| U73824_at_        | U73824 | dap5       | P97 mRNA   | 4.3  | 2    | 2    | 3.5  | 3.4 | 3.2  | 1.3  | 0.8  | 1.8  |
| HG1400_           | HG1400 |            | Carboxyl Methyltransferase, Aspartate, Alt. Splice 1   | 0.3  | 1    | 0    | 3.2  | 3.3 | 12.2 | 1.8  | 1.2  | 2.8  |
| HT1400_s_at_      | HT1400 |            | PAGA Proliferation-associated gene A (natural killer-enhancing factor A)                     | 1    | 0.4  | 0.5  | 2.6  | 3.3 | 3.6  | 2.5  | 4.4  | 1.4  |
| X67951_at_        | X67951 | paga       | PEBP2aC1 acute myeloid leukaemia mRNA  | 14.3 | 6.1  | 22.1 | 15.8 | 3.3 | 23.4 | 7.6  | 4.2  | 19.6 |
| Z35278_at_        | Z35278 | aml2       | KIAA0005 gene  | 6.1  | 3.9  | 4.7  | 3    | 3.2 | 2.6  | 1.1  | 1.8  | 4.5  |
| D13630_at_        | D13630 |            | Tubulin, Beta  | 18.5 | 5.3  | 13.1 | 9.4  | 3.2 | 6.8  | 5    | 8.9  | 11   |
| HG4322_           | HG4322 | tubulinB   | PGAM1 Phosphoglycerate mutase 1 (brain)  | 3.7  | 4.4  | 4.4  | 4.3  | 3.2 | 4.3  | 1.3  | 4.8  | 2.2  |
| HT4592_at_        | HT4592 | pgam1      | Integrin-linked kinase (ILK) mRNA  | 0.9  | 2.2  | 1.1  | 3.4  | 3.2 | 1.8  | 0.6  | 0.8  | 1.7  |
| J04173_at_        | J04173 | ilk        | Protein tyrosine phosphatase PTPCAAX1  | 2.4  | 3.7  | 14   | 2.8  | 3.2 | 14.7 | 2    | 2.3  | 6.9  |
| U40282_at_        | U40282 |            | (hPTPCAAX1) mRNA   |      |      |      |      |     |      |      |      |      |
| U48296_at_        | U48296 | ptp4a1     | IFNA gene (interferon alpha-h2) extracted from Human gene for leukocyte (alpha) interferon H | 0    | 0.5  | 0    | 3.7  | 3.2 | 8.3  | 0.6  | 0    | 0    |
| V00533_rna1_f_at_ | V00533 | ifna14     | BETA-DEFENSIN 1 PRECURSOR  | 4.6  | 1.2  | 23.7 | 13.2 | 3.2 | 22.2 | 0    | 2.2  | 11.6 |
| X92744_at_        | X92744 | defensinb1 | HSPB1 Heat shock 27kD protein 1  | 0.9  | 1.2  | 0    | 3.7  | 3.2 | 4.6  | 1.5  | 2    | 0.6  |
| Z23090_at_        | Z23090 | hsp27      | PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR   | 2.3  | 2.4  | 2.6  | 3.9  | 3.2 | 2.9  | 0.8  | 0.9  | 4.1  |
| Z49835_s_at_      | Z49835 | grp58      | HLA-A MHC class I protein HLA-A (HLA-A28, B40, -Cw3)   | 8.5  | 5.5  | 7.4  | 5.7  | 3.1 | 6.9  | 2.5  | 3.7  | 3.4  |
| D32129_f_at_      | D32129 | hla-a      | KIAA0084 gene, partial cds   | 24.8 | 14.1 | 27.1 | 7.1  | 3.1 | 4.5  | 8.3  | 8.6  | 19   |
| D42043_at_        | D42043 | KIAA0084   | EIF2A Eukaryotic translation initiation factor 2A  | 1.3  | 3    | 1.9  | 2.5  | 3.1 | 2.5  | 3.3  | 1.3  | 3.2  |
| J02645_at_        | J02645 |            |  |      |      |      |      |     |      |      |      |      |

Figure 2P

|                  |        |          |   |      |      |      |      |     |      |     |     |      |
|------------------|--------|----------|---|------|------|------|------|-----|------|-----|-----|------|
| M29064_at        | M29064 | hnrpa2b1 | HNRA2B1 Heterogeneous nuclear ribonucleoprotein A2/B1   | 2.2  | 3.6  | 2.5  | 5.2  | 3.1 | 5.1  | 0.8 | 1.3 | 2.9  |
| M36341_at        | M36341 |          | ARF4 ADP-ribosylation factor 4  | 1.7  | 1.5  | 1.7  | 2.9  | 3.1 | 2.6  | 1.9 | 0.4 | 0.8  |
| U48807_at        | U48807 | dusp4    | Dual specific protein phosphatase mRNA  | 5.6  | 29.6 | 7.4  | 2.4  | 3.1 | 9.8  | 9.7 | 2.6 | 21.7 |
| U77948_at        | U77948 | bap135   | KAI1 Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody (A4)) | 0    | 0.5  | 0    | 1.5  | 3.1 | 2.7  | 0   | 0.7 | 0.6  |
| X04526_at        | X04526 | gnb1     | GNB1 Guanine nucleotide binding protein (G protein), beta polypeptide 1   | 1.8  | 3    | 0.8  | 3.8  | 3.1 | 3.5  | 0.9 | 1.4 | 2.6  |
| X52425_at        | X52425 | il4r     | IL4R Interleukin 4 receptor   | 9.8  | 10   | 10   | 2.9  | 3.1 | 4.4  | 1.8 | 2   | 9.7  |
| D14695_at        | D14695 |          | APOA2 Apolipoprotein A-II   | 3.7  | 2.1  | 0.1  | 4.4  | 3   | 8.3  | 0.4 | 0.6 | 4.8  |
| L28175_at        | L28175 | ptger4   | PTGER2 Prostaglandin E receptor 2 (subtype EP2), 53kD   | 0.9  | 0    | 1.1  | 2.3  | 3   | 17.4 | 0   | 0.5 | 1.2  |
| U23070_at        | U23070 |          | Putative transmembrane protein (nma) mRNA   | 0.8  | 1.2  | 4.8  | 2.2  | 3   | 6.2  | 0.2 | 0.1 | 1.1  |
| U32944_at        | U32944 | dic1     | Cytoplasmic dynein light chain 1 (hdic1) mRNA   | 2.9  | 4.3  | 2.6  | 3.4  | 3   | 2.4  | 1   | 0.2 | 1.4  |
| X81198_at        | X81198 | arcn1    | COATOMER DELTA SUBUNIT  | 1.9  | 3    | 2.6  | 2.4  | 3   | 2.5  | 0.7 | 0.9 | 1.4  |
| Y08682_rna1_s_at | Y08682 | cpt1b    | Carnitine palmitoyltransferase I type I   | 0.3  | 1.8  | 0.9  | 6.6  | 3   | 6.1  | 8.8 | 4.5 | 7.1  |
| D63506_at        | D63506 | unc18c   | Unc-18homologue   | 2.2  | 1.7  | 2.5  | 3.7  | 2.9 | 2.5  | 1.2 | 0.1 | 1    |
| L19067_at        | L19067 | nfkb p65 | TRANSCRIPTION FACTOR P65  | 7.9  | 5.4  | 3.9  | 8.2  | 2.9 | 5.6  | 9   | 1.6 | 2.9  |
| U47634_at        | U47634 | b-tub4   | TUBB Beta-tubulin   | 3.8  | 2.3  | 2.2  | 2.8  | 2.9 | 4.3  | 1.1 | 0.9 | 0.6  |
| D26599_at        | D26599 | psmb2    | Proteasome subunit Hsc70  | 4.2  | 2.7  | 4.9  | 2.2  | 2.8 | 2    | 1.6 | 4   | 4.1  |
| D87078_at        | D87078 |          | KIAA0235 gene, partial cds  | 0    | 0.6  | 0    | 3.3  | 2.8 | 5.3  | 0.9 | 0   | 0.1  |
| HG3076           | HG3076 |          | Heterogeneous Nuclear Ribonucleoprotein K, Alt. Splice 1  | 1.4  | 1.1  | 4.8  | 6.8  | 2.8 | 17.3 | 1.9 | 2.1 | 4.5  |
| HT3238_s_at      | HT3238 |          |   |      |      |      |      |     |      |     |     |      |
| HG3954           | HG3954 |          | Landsteiner-Wiener Blood Group Glycoprotein (Lw) (Gb:L27671)  | 2.4  | 4.8  | 1.2  | 3    | 2.8 | 3    | 1.5 | 0.2 | 0.9  |
| HT4224_s_at      | HT4224 | icam4    |   |      |      |      |      |     |      |     |     |      |
| S74017_at        | S74017 | nr12     | Nr12  | 3.8  | 6.3  | 3.7  | 3    | 2.8 | 1.8  | 3.1 | 2.8 | 1.9  |
| U67319_at        | U67319 | casp7    | Mch3 isoform alpha (Mch3) mRNA  | 1.9  | 4.7  | 12.2 | 3.5  | 2.8 | 6.1  | 3.1 | 6.3 | 13.2 |
| U76764_s_at      | U76764 | cd97     | CD97 CD97 antigen (leukocyte antigen)   | 14.8 | 10.7 | 3.4  | 14.5 | 2.8 | 2.3  | 1.7 | 2.3 | 7.5  |

Figure 2Q



| U90911_at_        | U90911   |          | Clone 23652 mRNA sequence   | 2   | 2.7 | 5.2   | 3.7  | 2.8 | 5.8  | 1.3 | 0.7 | 4    |
|-------------------|----------|----------|---|-----|-----|-------|------|-----|------|-----|-----|------|
| X72727_at_        | X72727   | hnrpk    | HNRPK Heterogeneous nuclear ribonucleoprotein K   | 2.4 | 1.1 | 0.7   | 10.6 | 2.8 | 11.5 | 0.6 | 1.2 | 0.9  |
| X80907_at_        | X80907   | pik3r2   | P85 beta subunit of phosphatidylinositol-3-kinase   | 4.2 | 1.1 | 1.4   | 2.5  | 2.8 | 1.6  | 1   | 1   | 1.6  |
| X98172_at_        | X98172   | casp8    | MACH.alpha.2 protein  | 1.3 | 1.4 | 2.8   | 1.6  | 2.8 | 3    | 0.5 | 0   | 2.8  |
| AB000896_at_      | AB000896 |          | Cadherin FIB2, partial cds  | 1.5 | 0.3 | 4     | 2.7  | 2.7 | 5.2  | 0   | 0.8 | 3.8  |
| D49738_at_        | D49738   |          | Cytoskeleton associated protein (CG22) mRNA   | 0.8 | 3.8 | 1.9   | 1.9  | 2.7 | 3.3  | 1.1 | 0.9 | 3.3  |
| HG2855_           | HG2855   |          | Heat Shock Protein, 70 Kda (Gb:Y00371)  | 0.8 | 1.6 | 0.3   | 2.9  | 2.7 | 6.3  | 0.9 | 1.4 | 1.2  |
| HT2995_at_        | HT2995   | hsp70    | RPL3 Ribosomal protein L3   | 3.7 | 2.4 | 4.5   | 2.3  | 2.7 | 2.1  | 1.7 | 2.6 | 2.2  |
| L26247_at_        | L26247   | sui1     | Immunoglobulin-related 14.1 protein mRNA  | 0.9 | 5.3 | 5     | 2.8  | 2.7 | 4.3  | 9.2 | 4.3 | 1.2  |
| M27749_at_        | M27749   | flambda1 | IL12A Natural killer cell stimulatory factor (IL12A)  | 2.8 | 0.7 | 227.2 | 4.2  | 2.7 | 20.5 | 0.1 | 1   | 35.3 |
| M65291_at_        | M65291   | il12a    | UBE2A Ubiquitin-conjugating enzyme E2A (RAD6 homolog)   | 1.3 | 1.1 | 2.7   | 1.6  | 2.7 | 18.7 | 3.2 | 3.2 | 9.3  |
| M74524_at_        | M74524   | rad6a    | 22kDa smooth muscle protein (SM22) mRNA   | 0   | 0.1 | 2.1   | 2.7  | 2.7 | 26.2 | 0.8 | 2.8 | 14   |
| M95787_at_        | M95787   | sm22     | RNA polymerase II largest subunit gene extracted from H.sapiens gene for RNA pol II largest subunit, exon 1 | 1.8 | 3   | 5     | 3    | 2.7 | 3.1  | 1.3 | 0.8 | 4.2  |
| X74874_rna1_s_at_ | X74874   | rpol2    | SRF Serum response factor (c-fos serum response element-binding transcription factor)                       | 1.3 | 0.5 | 0     | 5.1  | 2.6 | 4.4  | 0.3 | 1.5 | 0.5  |
| J03161_at_        | J03161   | srf      | LGALS1 Ubiqunol-cytochrome c reductase core protein II  | 0.7 | 2.8 | 1.1   | 1.6  | 2.6 | 3.5  | 1.5 | 1   | 0.8  |
| J04456_at_        | J04456   | lgals1   | ODC1 Ornithine decarboxylase 1  | 1.4 | 1.4 | 0.3   | 2.5  | 2.6 | 1.9  | 0.7 | 0.7 | 0    |
| M33764_at_        | M33764   | odc1     | GLCLC Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), catalytic (72.8kD)                     | 0   | 0   | 1.5   | 9.6  | 2.6 | 19   | 2   | 0.3 | 5    |
| M90656_at_        | M90656   | glclc    | Butyrophilin (BTF1) mRNA  | 1.1 | 1.5 | 2.4   | 1.5  | 2.6 | 3.2  | 0.4 | 0.2 | 3.1  |
| U90543_s_at_      | U90543   |          | COX7B Cytochrome c oxidase subunit VIIb   | 0.6 | 1.2 | 0.2   | 1.5  | 2.6 | 1.9  | 1.8 | 0.2 | 0.6  |
| Z14244_at_        | Z14244   |          | KIAA0026 gene   | 1.7 | 2.2 | 5.2   | 3.5  | 2.5 | 6.3  | 0.7 | 1.4 | 2.7  |
| D14812_at_        | D14812   |          |   |     |     |       |      |     |      |     |     |      |

Figure 2R

[illegible]

Figure 2S

|                        |                   |        |  |      |      |      |      |     |      |     |     |      |
|------------------------|-------------------|--------|--|------|------|------|------|-----|------|-----|-----|------|
| HG1322.<br>HT5143_s_at | HG1322.<br>HT5143 |        | Small Nuclear Ribonucleoprotein, Polypeptide C, Alt. Splice 2                      | 3    | 2.8  | 4.8  | 4.1  | 2.2 | 2.2  | 1.4 | 1   | 4.5  |
| L17131_rna1_at         | L17131            | hmgly  | High mobility group protein (HMG-(Y)) gene exons 1-8                               | 0    | 0.8  | 0    | 3.6  | 2.2 | 2.1  | 0.8 | 0.1 | 1.2  |
| M17733_at              | M17733            | ptnrb4 | Thymosin beta-4 mRNA   | 1.3  | 1.4  | 1.2  | 1.7  | 2.2 | 4.3  | 0   | 0.6 | 0.8  |
| M59371_at              | M59371            | eck    | TYROSINE-PROTEIN KINASE RECEPTOR ECK PRECURSOR                                     | 1.3  | 3    | 5.3  | 2.4  | 2.2 | 5.5  | 1.1 | 1.4 | 2.3  |
| M59815_at              | M59815            | c4a    | C4A Complement component 4A  | 5.1  | 3.9  | 2.4  | 6    | 2.2 | 2.2  | 0.5 | 1.8 | 3    |
| M74447_at              | M74447            | tap2   | TAP2 Transporter 2, ABC (ATP binding cassette)                                     | 2    | 0.3  | 24.8 | 1.2  | 2.2 | 2.4  | 0.7 | 0.7 | 25.2 |
| M92843_s_at            | M92843            | ttp    | ZFP36 Zinc finger protein homologous to Zfp-36 in mouse                            | 4.9  | 0.9  | 5.2  | 6.5  | 2.2 | 4.6  | 1.4 | 0.1 | 0.8  |
| X78925_at              | X78925            |        | ZNF2 Zinc finger protein 2 (A1-5)  | 1.3  | 0.2  | 2.2  | 3.7  | 2.2 | 2.6  | 0.9 | 0   | 1.9  |
| D87116_at              | D87116            | mapkk3 | DUAL SPECIFICITY MITOGEN-ACTIVATED PROTEIN KINASE KINASE 3                         | 13.5 | 6.9  | 18   | 12.2 | 2.1 | 2.9  | 5.6 | 1.6 | 7.3  |
| M54915_s_at            | M54915            | pim1   | PIM1 Pim-1 oncogene  | 11   | 13.7 | 37.2 | 2.1  | 2.1 | 6.2  | 0.9 | 0.7 | 5.9  |
| U20734_s_at            | U20734            | junb   | JUNB Jun B proto-oncogene  | 15.9 | 0.9  | 4.5  | 8.9  | 2.1 | 1.7  | 2.3 | 0.1 | 1    |
| U22431_s_at            | U22431            | hir1a  | MOP1 mRNA  | 10.7 | 6.7  | 7.8  | 9.8  | 2.1 | 1.9  | 1.2 | 3.6 | 2.3  |
| U24166_at              | U24166            |        | EB1 mRNA   | 1.2  | 1.5  | 1    | 4.3  | 2.1 | 2.5  | 1.2 | 0.9 | 2.4  |
| U32680_at              | U32680            | bts    | CLN3 Ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-vogt disease) | 2.5  | 0.8  | 2.1  | 10.1 | 2.1 | 7.3  | 0.1 | 0.6 | 2.7  |
| L36870_at              | L36870            | jnk1   | JNK ACTIVATING KINASE 1  | 1.3  | 1.4  | 1.1  | 5.6  | 2   | 2.9  | 0.1 | 5.6 | 2.1  |
| M13452_s_at            | M13452            | cmd1a  | LMNA Lamin A   | 1.9  | 0.8  | 2.1  | 3.8  | 2   | 1.6  | 0.7 | 1.1 | 0.9  |
| U00115_at              | U00115            | bcl6   | BCL6 B cell lymphoma protein 6 (zinc finger protein 51)                            | 4.5  | 2.9  | 0    | 6.3  | 2   | 13.5 | 0.8 | 0.8 | 0.2  |
| U04343_at              | U04343            | cd86   | CD86 CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)                            | 1.6  | 8.1  | 6    | 1.7  | 2   | 2.9  | 9.7 | 4.6 | 16.9 |
| U80669_at              | U80669            | nkx3a  | Androgen regulated homeobox protein (NKX3.1) mRNA                                  | 4.8  | 0    | 0.2  | 2.8  | 2   | 2.3  | 0   | 0.3 | 0.4  |
| Z29505_at              | Z29505            |        | Alpha-CP1 mRNA   | 1.5  | 1.3  | 0.5  | 3.8  | 2   | 4.4  | 1.5 | 0.6 | 0.8  |

Figure 2T

|             |        |           |  |      |     |       |      |     |      |      |      |      |
|-------------|--------|-----------|--|------|-----|-------|------|-----|------|------|------|------|
| D00017_at   | D00017 | anx2l4    | ANX2 Annexin II (lipocortin II)  | 1.2  | 3.2 | 1.9   | 1.3  | 1.9 | 2.2  | 3.1  | 3.7  | 0.6  |
| D10522_at   | D10522 | maccs     | MACS Myristoylated alanine-rich C-kinase substrate   | 4    | 3.2 | 10.3  | 4.7  | 1.9 | 2.9  | 2.3  | 3.2  | 5.1  |
| D25274_at   | D25274 | rac1      | Randomly sequenced mRNA  | 2.9  | 4.7 | 9     | 3.6  | 1.9 | 8.3  | 0.7  | 1.2  | 7.8  |
| L41887_rna1 | L41887 | sfrs7     | Splicing factor, arginine/serine-rich 7 (SFRS7) gene                                       | 0.8  | 0   | 0     | 2.2  | 1.9 | 7.3  | 4.4  | 3.1  | 1.4  |
| M73547_at   | M73547 | d5s346    | POLYPOSIS LOCUS PROTEIN 1  | 0    | 0.9 | 0     | 2    | 1.9 | 10.6 | 1.5  | 0.5  | 0    |
| U62962_at   | U62962 | elf3s6    | Int-6 mRNA   | 0.3  | 0.7 | 0.8   | 1.2  | 1.9 | 0    | 0.4  | 1    | 1.3  |
| U89505_at   | U89505 | rbm4.lark | Hlark mRNA   | 1.3  | 1.6 | 4.2   | 1.8  | 1.9 | 1.7  | 1.4  | 1.1  | 5.4  |
| V00536_rna1 | V00536 | ifng      | IFNG gene extracted from Human immune interferon (IFN-gamma) gene                          | 9.4  | 1.2 | 124.2 | 46.7 | 1.9 | 25.7 | 0.9  | 1.4  | 27.8 |
| X75755_rna1 | X75755 | sfrs2     | PR264 gene   | 1.5  | 0   | 0.7   | 1.5  | 1.9 | 2.3  | 0.4  | 0.2  | 0.7  |
| X93920_at   | X93920 | diusp6    | Protein-tyrosine-phosphatase (tissue type: foreskin)                                       | 2.2  | 1.5 | 10.7  | 2.6  | 1.9 | 4.2  | 0.3  | 0    | 3.8  |
| Y00285_s_at | Y00285 | igt2r     | IGF2R Insulin-like growth factor 2 receptor  | 0.8  | 1.4 | 1.9   | 1.4  | 1.9 | 1.3  | 0.2  | 2    | 3.9  |
| D38491_at   | D38491 |           | HYPOTHETICAL MYELOID CELL LINE PROTEIN 7   | 0.7  | 0   | 1.2   | 1.7  | 1.8 | 2    | 0.4  | 0    | 1.8  |
| D45370_at   | D45370 |           | ApM2 mRNA for GS2374 (unknown product specific to adipose tissue)                          | 1    | 0.6 | 9.2   | 2.2  | 1.8 | 4.7  | 1.4  | 1.2  | 2    |
| D49400_at   | D49400 |           | Fetus brain mRNA for vacuolar ATPase   | 0.6  | 0.5 | 0     | 2.3  | 1.8 | 1.9  | 1.1  | 0.9  | 5.2  |
| M26708_s_at | M26708 | ptma      | PTMA Prothymosin alpha   | 0.1  | 1.2 | 0.5   | 1.8  | 1.8 | 1.9  | 0.4  | 0.8  | 1.3  |
| M94856_at   | M94856 | fabp5     | FATTY ACID-BINDING PROTEIN, EPIDERMAL  | 1.6  | 1   | 0.9   | 3    | 1.8 | 1.8  | 1.2  | 1.4  | 2    |
| X06614_at   | X06614 | rara      | Receptor of retinoic acid  | 0.6  | 0   | 0     | 1.1  | 1.8 | 0    | 0    | 0.9  | 1.3  |
| X17093_at   | X17093 | hla-cda12 | HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, F ALPHA CHAIN PRECURSOR                            | 12.7 | 8.4 | 5.2   | 5.3  | 1.8 | 4.3  | 21.8 | 12.4 | 2.8  |
| D90209_at   | D90209 | atf4      | ATF4 CAMP-dependent transcription factor ATF-4 (CREB2)                                     | 4.5  | 3.8 | 10.5  | 6.2  | 1.7 | 5.4  | 1.8  | 5.1  | 8.4  |
| HG417       | HG417  |           | Cathepsin B  |      |     |       |      |     |      |      |      |      |
| HT417_s_at  | HT417  |           | LGALS3 Lectin, galactoside-binding, soluble, 3 (galectin 3) (NOTE: redefinition of symbol) | 0.3  | 1.5 | 1.1   | 1.6  | 1.7 | 2.6  | 1.5  | 2.1  | 0.7  |
| M57710_at   | M57710 | galbp     |  | 0.5  | 0.4 | 2     | 1.7  | 1.7 | 1.8  | 0.6  | 1.2  | 2.5  |

Figure 2U

|               |          |           |  |      |     |     |     |     |      |     |     |     |
|---------------|----------|-----------|--|------|-----|-----|-----|-----|------|-----|-----|-----|
| M23197_at     | M23197   | cd33      | CD33 CD33 antigen (differentiation antigen)  | 0    | 1   | 0   | 0.5 | 1.6 | 0    | 0.9 | 0.8 | 0   |
| U18062_at     | U18062   |           | TFIID subunit TAFII55 (TAFII55) mRNA   | 0.5  | 2.1 | 2.2 | 2.2 | 1.6 | 1.3  | 0.4 | 3   | 4.2 |
| X17042_at     | X17042   | prg       | PRG1 Proteoglycan 1, secretory granule   | 6.1  | 3   | 3.4 | 4.2 | 1.6 | 4.4  | 2.9 | 3.3 | 1.5 |
| Z30425_at     | Z30425   |           | Orphan nuclear hormone receptor  | 1.4  | 0.6 | 1.4 | 4   | 1.6 | 2.7  | 0.4 | 0.7 | 3.5 |
| AF012024_s_at | AF012024 | icap.1b   | Integrin cytoplasmic domain associated protein (icap.1a) mRNA                          | 1.3  | 1.2 | 0   | 2.2 | 1.5 | 1.8  | 1.2 | 0.3 | 1.3 |
| D50863_at     | D50863   | tesk1     | TESK1  | 0    | 2.6 | 0   | 6.3 | 1.5 | 2.4  | 2.4 | 0   | 2.5 |
| U90913_at     | U90913   | unknown   | Clone 23665 mRNA sequence  | 0    | 1.4 | 0   | 0   | 1.5 | 0    | 1.6 | 0.5 | 0.4 |
| U94592_at     | U94592   | ucp2      | Uncoupling protein homolog (UCPH) mRNA   | 0    | 0.7 | 0   | 0.5 | 1.5 | 0    | 0.1 | 0.2 | 0   |
| X04347_s_at   | X04347   |           | Liver mRNA fragment DNA binding protein UPI homologue (C-terminus)                     | 1.6  | 1.3 | 0.6 | 2.3 | 1.5 | 11.2 | 0   | 2.8 | 0.1 |
| M35128_at     | M35128   | chrm1     | Muscarinic acetylcholine receptor gene   | 0.7  | 1   | 2   | 1.4 | 1.4 | 3.2  | 0   | 0.8 | 2.1 |
| U86602_at     | U86602   |           | Nucleolar protein p40 mRNA   | 0.9  | 0.7 | 0   | 1.1 | 1.4 | 0    | 0.2 | 0   | 0   |
| D13640_at     | D13640   | pp2c-like | PUTATIVE PROTEIN PHOSPHATASE 2C  | 0    | 0   | 0   | 0   | 1.3 | 0    | 0   | 0.6 | 0.5 |
| D79990_at     | D79990   |           | KIAA0168 gene  | 0.7  | 1   | 0.3 | 2.2 | 1.3 | 0    | 1.3 | 1.1 | 0.8 |
| L11066_at     | L11066   | hspa9     | MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR  | 1    | 0.2 | 0   | 1.7 | 1.3 | 0    | 0.5 | 4.3 | 0.1 |
| U18259_at     | U18259   | clita     | Clone CIIA-8 MHC class II transactivator CIIA mRNA                                     | 0    | 0   | 0   | 0   | 1.3 | 0    | 1.7 | 0   | 0   |
| M31516_s_at   | M31516   | daf       | DAF Decay accelerating factor for complement (CD55, Crimer blood group system)         | 21.8 | 2.8 | 3.3 | 4.7 | 1.1 | 8.2  | 0.7 | 0.7 | 0.8 |
| U68105_s_at   | U68105   |           | PABPL1 Poly(A)-binding protein-like 1  | 0.8  | 0.9 | 0.8 | 1.5 | 1.1 | 0    | 0.1 | 0.8 | 0.5 |
| X78817_at     | X78817   | RhoGAP4   | KIAA0131 gene, partial cds   | 0    | 0.1 | 0   | 0.6 | 1.1 | 0    | 0   | 0.1 | 0   |
| M22632_at     | M22632   | got2      | GOT2 Glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) | 0.1  | 0.9 | 0   | 0   | 1   | 0    | 0   | 0   | 0   |
| J03592_at     | J03592   | ant3      | ANT3 Adenine nucleotide translocator 3 (liver)   | 0.5  | 1.1 | 0   | 0.3 | 0.9 | 0    | 1.2 | 1.1 | 0.8 |
| L33075_at     | L33075   | iqgap1    | Ras GTPase-activating-like protein (IQGAP1) mRNA                                       | 0.1  | 0.7 | 0   | 0.6 | 0.9 | 0    | 1.3 | 0.1 | 0   |
| L36818_at     | L36818   | inpp1     | INPPL1 Inositol polyphosphate phosphatase-like protein 1 (51C protein)                 | 0    | 0   | 0   | 0.7 | 0.9 | 0    | 0.7 | 0.9 | 0.3 |
| U05572_s_at   | U05572   | man2b1    | MAN2B Mannosidase alpha-B (lysosomal)  | 0.5  | 1.7 | 0.7 | 0.4 | 0.9 | 0    | 0.6 | 0.4 | 0.4 |

Figure 2V

[illegible]

Figure 2W

|                   |        |          |  |     |     |     |     |     |     |     |     |     |
|-------------------|--------|----------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| M59979_at_        | M59979 | cox1     | PTGS1 Prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)                  | 0   | 0.4 | 0   | 0.7 | 0.6 | 0   | 0   | 0   | 0   |
| U89606_at_        | U89606 |          | Pyridoxal kinase mRNA  | 1.2 | 1.3 | 0   | 2.1 | 0.6 | 0   | 0.7 | 3.2 | 0.7 |
| X04654_s_at_      | X04654 | rnpulz   | SNRP70 U1 snRNP 70K protein  | 0.3 | 0   | 0   | 0.7 | 0.6 | 0   | 0.9 | 0.2 | 0.1 |
| X79204_at_        | X79204 |          | SCA1 Ataxin 1  | 0   | 0   | 0   | 0   | 0.6 | 0   | 0.3 | 0.9 | 0   |
| Z50749_at_        | Z50749 | ppp1r7   | Sds22-like mRNA  | 0   | 0   | 0   | 0.3 | 0.6 | 0   | 0.1 | 0.1 | 0   |
| M11313_s_at_      | M11313 | a2m      | A2M Alpha-2-macroglobulin  | 1.2 | 0.3 | 0   | 2   | 0.5 | 0   | 0.3 | 0.6 | 0.5 |
| M13450_at_        | M13450 | esd      | ESD Esterase D/formylglutathione hydrolase   | 1   | 1.9 | 0   | 0.2 | 0.5 | 0   | 1.4 | 0.8 | 0.8 |
| M58285_at_        | M58285 | hem1     | Membrane-associated protein (HEM-1) mRNA   | 0   | 0.9 | 0   | 0   | 0.5 | 0   | 2.5 | 0.3 | 0   |
| S79219_s_at_      | S79219 | pcca     | PCCA Propionyl-coA carboxylase alpha chain   | 0   | 0.8 | 0   | 0   | 0.5 | 0   | 0.2 | 0   | 0.1 |
| U62293_rna1_s_at_ | U62293 | limk1    | LIMK1 gene (LIM-kinase1) extracted from Human LIM-kinase1 and alternatively spliced LIM-kinase1 (LIMK1) gene | 0   | 0   | 0   | 0.5 | 0.5 | 0   | 0.6 | 1.8 | 0   |
| X17094_at_        | X17094 | fur      | PACE Paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)                   | 0.9 | 0.6 | 0   | 1.4 | 0.5 | 0   | 0   | 0.7 | 0   |
| U09578_at_        | U09578 | 3pk      | MAPKAP kinase (3pk) mRNA   | 0   | 0.2 | 0   | 1.1 | 0.4 | 0   | 0   | 0   | 0   |
| U29175_at_        | U29175 |          | Transcriptional activator hSNF2b   | 0.5 | 0.5 | 0   | 3.5 | 0.4 | 0   | 1.7 | 0   | 0   |
| U50733_at_        | U50733 |          | Dynamin mRNA   | 1.1 | 1.9 | 1.7 | 1.2 | 0.4 | 0   | 1.7 | 0   | 0.4 |
| D87433_at_        | D87433 | kiaa0246 | KIAA0246 gene, partial cds   | 0   | 0.9 | 0   | 0   | 0.3 | 0   | 0   | 0.6 | 0   |
| X78549_at_        | X78549 |          | Brk mRNA for tyrosine kinase   | 0.6 | 0   | 3.8 | 0   | 0.3 | 1.9 | 0   | 3.8 | 3.8 |
| D86640_at_        | D86640 | stac     | Stac   | 0   | 0   | 0   | 0   | 0.2 | 0   | 0   | 0   | 0   |
| D86976_at_        | D86976 |          | KIAA0223 gene, partial cds   | 1.8 | 1.4 | 1.7 | 0   | 0.2 | 0   | 2.3 | 0.7 | 0.9 |
| HG4312_           | HG4312 |          |  |     |     |     |     |     |     |     |     |     |
| HT4582_s_at_      | HT4582 | TFliia   | Transcription Factor Iiia  | 0.4 | 0.2 | 0   | 0.1 | 0.2 | 0   | 0.8 | 0   | 0   |
| L77730_at_        | L77730 | adora3   | ADORA3 Adenosine receptor A3   | 0   | 0   | 0   | 0   | 0.2 | 0   | 0   | 0.7 | 0   |
| U46025_at_        | U46025 |          | Chromosome 16p11.2 BAC Clone CIT987SK-234F9 complete sequence  | 0   | 0.3 | 0   | 0.3 | 0.2 | 0   | 1   | 0.3 | 0   |

Figure 2X

|                |        |        |   |     |     |     |     |     |     |     |     |     |
|----------------|--------|--------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| U80017_rna2_at | U80017 | gtf2h2 | Naip gene (neuronal apoptosis inhibitory protein) extracted from Human basic transcription factor 2 p44 (btf2p44) gene, partial cds, neuronal apoptosis inhibitory protein (naip) and survival motor neuron protein (smn) genes | 0   | 0.4 | 0   | 0.7 | 0.2 | 0   | 0.4 | 0.7 | 0.6 |
| Z68129_cds1_at | Z68129 | idh3g  | H-IDH gamma gene (NAD(H)-specific isocitrate dehydrogenase gamma-subunit precursor) extracted from H.sapiens IDH gamma gene and TRAP delta gene   | 0   | 0.2 | 0   | 0   | 0.2 | 0   | 1.7 | 0.3 | 0   |
| M64098_at      | M64098 | hdlbp  | High density lipoprotein binding protein (HBP) mRNA   | 0.2 | 0.1 | 0   | 0.3 | 0.1 | 0   | 0.6 | 0.6 | 0.1 |
| U11791_at      | U11791 | cak    | CCNH Cyclin H   | 0.7 | 2   | 0   | 0   | 0.1 | 0   | 2.9 | 0.8 | 0.3 |
| D38521_at      | D38521 |        | KIAA0077 gene, partial cds  | 0.2 | 0   | 0   | 0.3 | 0   | 0   | 0.6 | 0.5 | 0.2 |
| D80000_at      | D80000 |        | KIAA0178 gene, partial cds  | 1.1 | 0   | 0   | 0.1 | 0   | 0   | 0   | 0.6 | 0.1 |
| HG2274         | HG2274 |        |   |     |     |     |     |     |     |     |     |     |
| HT2370_at      | HT2370 |        | Rna Polymerase II, 14.5 Kda Subunit   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0.8 | 0.9 |
| J03171_at      | J03171 | ifnar1 | INTERFERON-ALPHA/BETA RECEPTOR ALPHA CHAIN PRECURSOR  | 0   | 0.1 | 1.3 | 0   | 0   | 0.9 | 0.9 | 0.1 | 0.2 |
| L07033_at      | L07033 | hmgcl  | HMGCL 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase   |     |     |     |     |     |     |     |     |     |
| M69013_at      | M69013 | gna11  | GNAL1 Guanine nucleotide binding protein (G protein), alpha 11 (Gq class)   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| M80397_s_at    | M80397 | pold1  | POLD1 Polymerase (DNA directed), delta 1, catalytic subunit (125KD)   | 0   | 0.2 | 0   | 0   | 0   | 0   | 0.1 | 0   | 0   |
| M95678_at      | M95678 | plcb2  | PLCB2 Phospholipase C, beta 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| S80437_s_at    | S80437 |        | Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt]  | 0.4 | 0   | 0   | 0   | 0   | 0   | 0.7 | 1.3 | 0.2 |
| U36787_at      | U36787 | hccs   | Putative holocytochrome c-type synthetase mRNA  | 0   | 0   | 0   | 0   | 0   | 0   | 1.4 | 0.1 | 0   |
| U51269_at      | U51269 | arvcf  | Armadillo repeat protein mRNA   | 0.1 | 0   | 0   | 0   | 0   | 0   | 1   | 0.8 | 0.1 |
| U51333_s_at    | U51333 | hk3    | HK3 Hexokinase 3 (white cell)   | 1.5 | 0.6 | 0   | 0   | 0   | 0   | 0.7 | 1.9 | 3.8 |
| U51336_at      | U51336 | itrbp1 | Inositol 1,3,4-trisphosphate 5/6-kinase mRNA  | 0   | 0   | 0   | 0.5 | 0   | 0   | 0   | 1.1 | 0.2 |

Figure 2Y





| affyID       | GBA    | gene symbol | gene Name  | feco   | heco   | teco   | fpr8  | hpr8  | tpr8  | ican | mcan  | tcn   |
|--------------|--------|-------------|--|--------|--------|--------|-------|-------|-------|------|-------|-------|
| X67325_at_   | X67325 | ifi27       | INTERFERON-ALPHA INDUCED 11.5 KD PROTEIN   | 136.8  | 143.4  | 618.8  | 265.8 | 192.2 | 498.1 | 50   | 212.1 | 604.2 |
| X02530_at_   | X02530 | inp10       | INP10 Interferon (gamma)-induced cell line; protein 10 from                                  | 12.5   | 13.1   | 442.2  | 137.9 | 290.4 | 501.4 | 5.4  | 205.9 | 451.4 |
| M65290_at_   | M65290 | il12b/p40   | IL12B Natural killer cell stimulatory factor (IL12B)   | 71.2   | 261.5  | 825.7  | 0     | 2.3   | 4.7   | 32.8 | 76    | 412.7 |
| U59286_at_   | U59286 | itac        | Beta-R1 mRNA, partial cds  | 34.9   | 27.6   | 237.9  | 201.6 | 207.8 | 340.8 | 3.8  | 74.4  | 389.7 |
| M13690_s_at_ | M13690 | clnh        | C1NH Complement component 1 inhibitor (angioedema, hereditary)                               | 16.9   | 34.1   | 209.8  | 13.8  | 12.6  | 86.2  | 6.6  | 30.1  | 358.9 |
| U37518_at_   | U37518 | trail       | TNF-related apoptosis inducing ligand TRAIL mRNA   | 14.7   | 34.2   | 134.3  | 171.9 | 230.1 | 590.2 | 5.7  | 109.1 | 318.2 |
| U29680_at_   | U29680 | bcl2a1      | Bcl-2 related (Bcl-1) mRNA   | 105.3  | 97.9   | 678.7  | 40.7  | 35.7  | 117.5 | 4    | 8.3   | 179.1 |
| X72755_at_   | X72755 | mlg         | Humig mRNA   | 3.2    | 5.2    | 68.3   | 59.4  | 52.3  | 58.6  | 1.6  | 77.5  | 128.6 |
| X07834_at_   | X07834 | sod2        | SOD2 Superoxide dismutase 2, mitochondrial   | 57.7   | 104.1  | 240.9  | 34.7  | 92.1  | 91.6  | 9.9  | 17    | 116.5 |
| U88964_at_   | U88964 | hem45       | HEM45 mRNA   | 34.6   | 43.7   | 191    | 27.2  | 15.5  | 73.3  | 8.8  | 43.4  | 116.1 |
| X04602_s_at_ | X04602 | il6         | IL6 Interleukin 6 (B cell stimulatory factor 2)  | 408.5  | 379.2  | 1267.5 | 70.5  | 76.5  | 269.4 | 14.6 | 43    | 111   |
| X65965_s_at_ | X65965 | sod2        | SOD-2 gene for manganese superoxide dismutase  | 233.7  | 149.2  | 204    | 143.7 | 86.3  | 86.3  | 10.6 | 35.9  | 109.3 |
| M62403_s_at_ | M62403 | igfbp4      | IGFBP4 Insulin-like growth factor-binding protein 4  | 15.9   | 5.2    | 32.7   | 61.8  | 17.5  | 37.9  | 6.8  | 9.1   | 104.6 |
| M33882_at_   | M33882 | mx1         | MX1 Myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78) | 61.1   | 166.8  | 84.7   | 90.3  | 152.2 | 89.8  | 34   | 397.3 | 102   |
| U52513_at_   | U52513 | ifit4       | RIG-G mRNA   | 25.1   | 39.3   | 96.2   | 92.1  | 84.6  | 98    | 13.2 | 39.1  | 94.7  |
| M24594_at_   | M24594 | g10p1       | IFI56 Interferon-induced protein 56  | 19.8   | 71.6   | 77.5   | 90.8  | 266   | 141.1 | 18.6 | 248.6 | 89.6  |
| U33017_at_   | U33017 | slam        | Signaling lymphocytic activation molecule (SLAM) mRNA  | 320.7  | 343.9  | 685.7  | 4.8   | 25.8  | 3     | 2.7  | 24.4  | 84.5  |
| X02875_s_at_ | X02875 | oas1        | OAS (2'5') oligoadenylate synthetase   | 16.7   | 30     | 48.7   | 41.5  | 58.8  | 117.7 | 4.2  | 20.5  | 80.4  |
| X99886_s_at_ | X99886 | mcp2        | MCP-2 gene   | 51.9   | 51     | 26.3   | 42.9  | 82.6  | 47.9  | 4.8  | 23.8  | 79.5  |
| V00594_at_   | V00594 | mt2a        | Metallothionein isoform 2  | 1683.1 | 1698.4 | 143.4  | 371.1 | 414.5 | 107.8 | 3.3  | 261   | 74.2  |

Figure 3A

|                |          |         |   |       |       |       |       |       |       |       |      |      |
|----------------|----------|---------|---|-------|-------|-------|-------|-------|-------|-------|------|------|
| D38128_at      | D38128   | ptgir   | PTGIR Prostaglandin I2 (prostaglandin) receptor (IP)                | 29.8  | 34.8  | 71.9  | 7.9   | 2.2   | 16.2  | 11    | 2.1  | 65.6 |
| U77643_at      | U77643   | k12     | K12 protein precursor mRNA  | 3     | 3.2   | 35.9  | 3.4   | 1.1   | 11.4  | 17.4  | 9.4  | 63.3 |
| M31165_at      | M31165   | tnfaip6 | TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR             | 172.2 | 163.5 | 624.1 | 60.6  | 100.2 | 101.8 | 7.1   | 5.6  | 58.6 |
| L31584_at      | L31584   | ccr7    | CMKBR7 Chemokine (C-C) receptor 7                                   | 58.1  | 87.3  | 98.2  | 23.3  | 69.6  | 83.5  | 26.5  | 11   | 56.3 |
| U37546_s_at    | U37546   | ciap2   | IAP homolog C (MIHC) mRNA   | 54.1  | 48.6  | 62.2  | 5.3   | 3.7   | 31.5  | 22.7  | 34   | 55.9 |
| U04636_rna1_at | U04636   | cox2    | Cyclooxygenase-2 (hCox-2) gene                                      | 110   | 120.8 | 608.6 | 15.3  | 13.8  | 87.4  | 5     | 4.7  | 54.9 |
| M57731_s_at    | M57731   | gro2    | GRO2 GRO2 oncogene  | 39.1  | 114.4 | 703.3 | 2     | 4.8   | 32.2  | 13.8  | 11.7 | 53.6 |
| U72882_s_at    | U72882   | ifi35   | Interferon-induced leucine zipper protein (IFP35) mRNA, partial cds | 23.2  | 58.9  | 39.5  | 22    | 26.7  | 21.2  | 20.3  | 29.3 | 52.5 |
| U50527_s_at    | U50527   |         | BRCA2 region, mRNA sequence CG018                                   | 5.9   | 16.4  | 76.1  | 1     | 3.3   | 18.4  | 3.3   | 13.9 | 50.7 |
| L05072_s_at    | L05072   | irf1    | IRF1 Interferon regulatory factor 1                                 | 48.2  | 24.5  | 63    | 63.7  | 38.2  | 29.4  | 3.4   | 34.5 | 50.5 |
| X04500_at      | X04500   | il1b    | IL1B Interleukin 1, beta  | 199.3 | 598.3 | 184.4 | 9.1   | 12.6  | 20.2  | 24    | 11.1 | 48.7 |
| D28915_at      | D28915   | mtap44  | Hepatitis C-associated microtubular aggregate protein p44           | 8.5   | 29.6  | 53.6  | 10.7  | 47.1  | 44.3  | 13.3  | 15.5 | 48   |
| U53830_at      | U53830   | irf7    | Interferon regulatory factor 7 (humirf7) mRNA                       | 42.6  | 130   | 46    | 38.8  | 72.5  | 49.2  | 51.4  | 43.1 | 47.5 |
| M21121_at      | M21121   | rantes  | SCYA5 Small inducible cytokine A5 (RANTES)                          | 728.7 | 661.7 | 83.4  | 717   | 396.6 | 115.3 | 113.6 | 87.4 | 43.7 |
| M30818_at      | M30818   | mx2     | MX2 Myxovirus (influenza) resistance 2, homolog of murine           | 21    | 74.4  | 42.6  | 40.9  | 82.3  | 50.4  | 19.8  | 39.4 | 43.2 |
| X02910_at      | X02910   | tnfa    | TNF Tumor necrosis factor   | 144.1 | 225.5 | 115.7 | 73.8  | 58.6  | 48.5  | 27.2  | 81.1 | 43.2 |
| D42073_at      | D42073   | rcn1    | Reticulocalbin  | 5.7   | 18.4  | 61.3  | 10    | 7.5   | 13.7  | 9.2   | 2.1  | 41.5 |
| X57522_at      | X57522   | tap1    | TAP1 Transporter 1, ABC (ATP binding cassette)                      | 34.3  | 42.3  | 48.3  | 76.1  | 53.3  | 47.7  | 11.6  | 31.7 | 41.3 |
| U03891_at      | U03891   | unknown | Phorbol 1 mRNA, partial cds   | 43.8  | 28.9  | 21.9  | 189.3 | 58.3  | 23.3  | 4.4   | 9.6  | 39.3 |
| AB000115_at    | AB000115 | unknown | mRNA  | 9.8   | 13.1  | 24.9  | 8.4   | 26.9  | 28.7  | 3.4   | 6.1  | 37.6 |
| M97935_s_at    | M97935   | stat1   | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA       | 4.1   | 7.9   | 10.5  | 2.5   | 5.3   | 12.2  | 9.8   | 17.2 | 36.7 |
| J04164_at      | J04164   | ifi17   | RPS3 Ribosomal protein S3 /wrong name                               | 25.8  | 57.2  | 37.7  | 34.5  | 45.6  | 79.3  | 11.5  | 60.3 | 35.1 |

Figure 3B

|             |        |           |   |       |       |       |      |       |       |       |       |      |
|-------------|--------|-----------|---|-------|-------|-------|------|-------|-------|-------|-------|------|
| M13755_at   | M13755 | isg15     | G1P2 Interferon, alpha-inducible protein (clone IFI-15K)                    | 214.1 | 545.6 | 57.4  | 253  | 662   | 100.2 | 302.7 | 208.8 | 34.3 |
| S59049_at   | S59049 | ier1      | RGS1 Regulator of G-protein signalling 1                                    | 4.5   | 25.9  | 15.9  | 2.2  | 5.8   | 9.1   | 6.6   | 10.8  | 34   |
| L15702_at   | L15702 | bf        | BF B factor, properdin  | 46.3  | 64.4  | 85.6  | 3.3  | 7.9   | 7.8   | 5.4   | 6.5   | 33.8 |
| L19779_at   | L19779 | h2a       | Histone H2A.2 mRNA  | 53.2  | 154   | 83.4  | 40.2 | 122.8 | 65.8  | 7.9   | 10.8  | 33.4 |
| M14660_at   | M14660 | g10p2     | ISG-54K gene (interferon stimulated gene) encoding a 54 kDa protein, exon 2 | 5.9   | 25    | 27.9  | 109  | 312.4 | 206   | 2     | 5     | 33.4 |
| L13210_at   | L13210 | mac2bp    | Mac-2 binding protein mRNA  | 6     | 19.5  | 21    | 5.6  | 3.5   | 11.5  | 27.3  | 11.8  | 32.5 |
| X66401_at   | X66401 | tap2      | LMP2 gene extracted from H.sapiens genes TAP1, TAP2, LMP2, LMP7 and DOB     | 30.6  | 20.6  | 32.4  | 12.9 | 9.6   | 6.3   | 6.1   | 23.6  | 31.9 |
| D50663_at   | D50663 | tctel1    | CW1 mRNA  | 23.1  | 17.9  | 33.6  | 16.9 | 13.3  | 15.1  | 5.1   | 13.5  | 30.8 |
| L06797_s.at | L06797 | cxcr4     | PROBABLE G PROTEIN-COUPLED RECEPTOR   | 12.7  | 19.2  | 30.6  | 8.8  | 7.9   | 19    | 14.9  | 4.1   | 30.7 |
| U72661_at   | U72661 | nin1      | LCR1 HOMOLOG  | 43.8  | 31.1  | 48.8  | 22   | 17    | 7.4   | 2.6   | 9.6   | 30.3 |
| X69910_at   | X69910 | p63       | Ninjurin1 mRNA  | 5.8   | 10.1  | 26.4  | 4.1  | 2.3   | 9.7   | 3.9   | 6.4   | 29.3 |
| M92357_at   | M92357 | tnfrsf2   | P63 mRNA for transmembrane protein  | 29.6  | 39.7  | 104.2 | 20.5 | 31.8  | 34    | 3     | 13.9  | 28.7 |
| M97936_at   | M97936 | stat1     | B94 PROTEIN   | 7.4   | 11.4  | 16.9  | 13.4 | 7.7   | 11.4  | 48.3  | 40    | 28.5 |
| D28137_at   | D28137 | bst2      | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1: ALPHA/BETA              | 5     | 9.1   | 12.9  | 11   | 9     | 14.9  | 7.9   | 6.2   | 27.8 |
| X57579_s.at | X57579 | activinba | BONE MARROW STROMAL ANTIGEN 2 (BST-2)                                       | 166.9 | 233.7 | 47.2  | 22.8 | 16.8  | 9.4   | 14.1  | 19.3  | 24.6 |
| D10040_at   | D10040 | fac12     | Activin beta-A subunit (exon 2)   | 24.7  | 15.2  | 26.2  | 13.5 | 5.9   | 12.4  | 2.2   | 4.4   | 24.1 |
| U32849_at   | U32849 | nmi       | FACL1 Long chain fatty acid acyl-coA ligase                                 | 5.2   | 6     | 16.1  | 10.4 | 10.5  | 24.4  | 2.7   | 12.3  | 23.9 |
| M55543_at   | M55543 | GBP2      | Hou mRNA  | 30.7  | 16.1  | 47.1  | 11.4 | 3.5   | 6.1   | 7.5   | 19.1  | 23.5 |
| M29696_at   | M29696 | il7r      | INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 2                              | 61.7  | 36.8  | 55.8  | 27.5 | 13.7  | 15    | 9     | 11.5  | 23.2 |
| X54489_rna1 | X54489 | gro1      | IL7R Interleukin 7 receptor   | 49.6  | 130.6 | 644.5 | 0.9  | 3.2   | 7.5   | 4.6   | 14.6  | 22.8 |
| U83461_at   | U83461 | copt2     | Melanoma growth stimulatory activity (MGSA)                                 | 3.6   | 13.4  | 19.1  | 2.9  | 10.1  | 12    | 5     | 4.7   | 22.6 |
| L22342_at   | L22342 | unknown   | Putative copper uptake protein (hCTR2) mRNA                                 | 3.8   | 9.7   | 11.4  | 4.1  | 6.1   | 7     | 11.5  | 12.2  | 21.7 |
| U48807_at   | U48807 | duosp4    | Nuclear phosphoprotein mRNA   | 5.6   | 29.6  | 7.4   | 2.4  | 3.1   | 9.8   | 9.7   | 2.6   | 21.7 |
| M31166_at   | M31166 | ptx3      | Dual specific protein phosphatase mRNA                                      | 82.7  | 88.9  | 807.3 | 21   | 27.2  | 122.2 | 5.2   | 2.5   | 20.9 |
|             |        |           | PTX3 Pentaxin-related gene, rapidly induced by IL-1 beta                    |       |       |       |      |       |       |       |       |      |

Figure 3C

|             |          |          |   |       |      |      |      |      |      |      |      |      |
|-------------|----------|----------|---|-------|------|------|------|------|------|------|------|------|
| J05582_s_at | J05582   | muc1     | MUC1 Mucin 1, transmembrane   | 3.6   | 5    | 16.9 | 2.3  | 1.8  | 5.3  | 2.9  | 4.8  | 20.5 |
| L41690_at   | L41690   | tradd    | TNF receptor-1 associated protein (TRADD)   | 0.9   | 10.7 | 19.3 | 0.2  | 3.5  | 5.5  | 4.6  | 6.8  | 20.2 |
| X59892_at   | X59892   | wars     | mRNA, 3' end of cds   | 40.2  | 66.9 | 32.5 | 56.1 | 59.5 | 25.2 | 12.8 | 18   | 20.2 |
| L07633_at   | L07633   | pa28a    | TRYPTOPHANYL-TRNA SYNTHETASE<br>INTERFERON GAMMA UP-REGULATED I-5111<br>PROTEIN PRECURSOR | 5.1   | 8.1  | 13.1 | 5    | 4.4  | 6.6  | 2.3  | 4.3  | 20.1 |
| X16396_at   | X16396   | MTHFD2   | MTHFD NAD-dependent methylene   | 7.2   | 5.5  | 15.2 | 2.5  | 2.2  | 0.9  | 2.5  | 3.2  | 19.8 |
| Z35278_at   | Z35278   | aml2     | tetrahydrofolate dehydrogenase cyclohydrolase   | 14.3  | 6.1  | 22.1 | 15.8 | 3.3  | 23.4 | 7.6  | 4.2  | 19.6 |
| D26579_at   | D26579   | adam8    | PEBP2aC1 acute myeloid leukaemia mRNA   | 5.5   | 6.5  | 3.5  | 0.3  | 1    | 4.2  | 2.1  | 2.6  | 19.3 |
| U50648_s_at | U50648   | pkp      | Transmembrane protein   | 19.8  | 28.4 | 22.3 | 17.8 | 9.3  | 22.1 | 40.1 | 24.8 | 19.1 |
| D42043_at   | D42043   | KIAA0084 | Interferon-inducible RNA-dependent protein  | 24.8  | 14.1 | 27.1 | 7.1  | 3.1  | 4.5  | 8.3  | 8.6  | 19   |
| J04080_at   | J04080   | c1s      | kinase (Pkr) gene   | 4.2   | 12.6 | 61.6 | 5.6  | 8.9  | 31.4 | 3.7  | 6.4  | 18.9 |
| M72885_s_at | M72885   | GOS2     | KIAA0084 gene, partial cds  | 126.1 | 38   | 44.9 | 10.8 | 6.2  | 5.3  | 10.4 | 11.3 | 18.7 |
| AF005775_at | AF005775 | flap     | C1S Complement component 1, s<br>subcomponent   | 7.8   | 18.5 | 37.9 | 0.7  | 5.9  | 5.4  | 3    | 7.6  | 18.4 |
| X82200_at   | X82200   | staf50   | GOS2 gene extracted from Human GOS2 gene, 5<br>flank and cds                              | 10    | 7    | 13.1 | 7.8  | 15.4 | 16.7 | 2.1  | 3.1  | 18.1 |
| M87434_at   | M87434   | oas2     | Caspase-like apoptosis regulatory protein 2<br>(clarp) mRNA, alternatively spliced        | 11.8  | 8.6  | 21.2 | 15.4 | 33.1 | 16.5 | 2.5  | 5.3  | 17.5 |
| U07231_at   | U07231   | huk5     | 69/71 KD  | 0.5   | 4.4  | 5.2  | 1.7  | 0.5  | 5.1  | 5.3  | 4.5  | 17.5 |
| U67963_at   | U67963   | huk5     | GRSF1 G-rich RNA sequence binding factor 1  | 2     | 3.7  | 16.6 | 0    | 2.8  | 2.6  | 6    | 3.1  | 17.3 |
| M55067_at   | M55067   | ncf1     | Lysophospholipase homolog (HU-K5) mRNA  | 2.5   | 12.6 | 24.2 | 19.1 | 28.5 | 22.1 | 4.4  | 9.8  | 17.2 |
| U04343_at   | U04343   | cd86     | NCF1 47 kD autosomal chronic granulomatous<br>disease protein                             | 1.6   | 8.1  | 6    | 1.7  | 2    | 2.9  | 9.7  | 4.6  | 16.9 |
| M59807_at   | M59807   | nk4      | CD86 CD86 antigen (CD28 antigen ligand 2, B7-<br>2 antigen)                               | 20.5  | 2.5  | 10.6 | 11.1 | 4.6  | 11.4 | 2.6  | 4.8  | 16.3 |
| D14874_at   | D14874   | adm      | NATURAL KILLER CELLS PROTEIN 4<br>PRECURSOR   | 18    | 20.1 | 46.2 | 3.4  | 4.5  | 10.4 | 2.5  | 5.2  | 16.1 |
| U12767_at   | U12767   | minor    | ADM Adrenomedullin<br>Mitogen induced nuclear orphan receptor<br>(MINOR) mRNA             | 49.2  | 39.4 | 17.1 | 37.8 | 19.7 | 13.7 | 24.6 | 17.3 | 15.7 |

Figure 3D

|                      |                   |           |  |       |       |       |       |      |      |      |      |      |
|----------------------|-------------------|-----------|--|-------|-------|-------|-------|------|------|------|------|------|
| HG1612.<br>HT1612_at | HG1612.<br>HT1612 | macmarcks | Macmarcks  | 19.2  | 30    | 44.7  | 11.5  | 30.2 | 16.9 | 3.4  | 11.8 | 15.6 |
| X64177_f_at          | X64177            | mtlh      | Metalthionein  | 761.9 | 728.2 | 93.6  | 73.7  | 66.9 | 27.4 | 10.4 | 27.4 | 14.9 |
| Z14982_rnal<br>_at   | Z14982            | lmp7      | MHC-encoded proteasome subunit gene LAMP7.<br>E1 gene (proteasome subunit LMP7) extracted<br>from H.sapiens gene for major histocompatibility<br>complex encoded proteasome subunit LMP7 | 3.6   | 9.2   | 9.4   | 4.2   | 8.7  | 9.8  | 5.1  | 2.9  | 13.9 |
| L06633_at            | L06633            | pscdbp    | Transcription factor mRNA  | 3.9   | 16    | 15.4  | 0.7   | 1.3  | 6    | 5.4  | 2.2  | 13.6 |
| L40379_at            | L40379            | trip10    | Thyroid receptor interactor (TRIP10) mRNA, 3'<br>end of cds  | 34.8  | 37.1  | 33    | 5.3   | 5.5  | 7.6  | 22.2 | 8.9  | 13.5 |
| U15932_at            | U15932            | diusp5    | Protein tyrosine phosphatase mRNA  | 57    | 76.5  | 44.5  | 9.8   | 11.1 | 8.8  | 2.4  | 4.4  | 13.4 |
| U67319_at            | U67319            | casp7     | Mch3 isoform alpha (Mch3) mRNA   | 1.9   | 4.7   | 12.2  | 3.5   | 2.8  | 6.1  | 3.1  | 6.3  | 13.2 |
| U45878_s_at          | U45878            | ciap2     | Inhibitor of apoptosis protein 1 mRNA  | 2.6   | 2.7   | 19.1  | 0     | 0.4  | 10.9 | 1.9  | 7.1  | 13.1 |
| M13792_at            | M13792            | ada       | ADA Adenosine deaminase  | 13.5  | 14.9  | 108.1 | 0.7   | 1.6  | 6.6  | 3.6  | 2.1  | 12.3 |
| M86707_at            | M86707            |           | GLYCYLPEPTIDE N:<br>TETRADECANOYLTRANSFERASE   | 2.4   | 9.4   | 2.7   | 1.2   | 4.3  | 0.4  | 2.6  | 3.6  | 12.2 |
| M69203_s_at          | M69203            | mip1b     | SCYA4 Small inducible cytokine A4 (homologous<br>to mouse Mip-1b)  | 164.9 | 44.6  | 19.3  | 372.7 | 82   | 10.5 | 4.6  | 30.1 | 11.6 |
| D63881_at            | D63881            |           | KIAA0160 gene, partial cds   | 0.7   | 4.2   | 6.1   | 2.9   | 1    | 10.1 | 5.3  | 2.9  | 11.4 |
| U07158_at            | U07158            |           | Syntaxin mRNA  | 2.3   | 2.4   | 1.6   | 2.3   | 2.4  | 0    | 3.2  | 1.3  | 11.4 |
| D13146_cds1<br>_at   | D13146            | cnp       | 2',3'-cyclic-nucleotide 3'-phosphodiesterase gene<br>extracted from Human 2',3'-cyclic-nucleotide 3'-<br>phosphodiesterase gene  | 15.9  | 13.4  | 25.3  | 6.2   | 4.4  | 10.1 | 5.6  | 3.8  | 11.2 |
| M22403_s_at          | M22403            |           | PLATELET GLYCOPROTEIN IB ALPHA CHAIN   | 4.4   | 0.1   | 32.7  | 0.5   | 0    | 6.9  | 1.3  | 3.7  | 11.1 |
| M79463_s_at          | M79463            | myl       | PRECURSOR<br>PML Probable transcription factor PML<br>{alternative products}   | 5.8   | 7.6   | 13.3  | 2     | 4.2  | 4.1  | 7.1  | 5.9  | 11.1 |
| HG4322               | HG4322            |           |  |       |       |       |       |      |      |      |      |      |
| HT4592_at            | HT4592            | tubulinB  | Tubulin, Beta  | 18.5  | 5.3   | 13.1  | 9.4   | 3.2  | 6.8  | 5    | 8.9  | 11   |
| J04056_at            | J04056            | cbr1      | CBR Carbonyl reductase   | 0.1   | 3.9   | 0.6   | 3.7   | 20.5 | 7.4  | 4.2  | 7.3  | 11   |
| U15460_at            | U15460            | batf      | BZip protein BATF mRNA   | 19.8  | 17.1  | 26    | 1.5   | 0.4  | 0.9  | 3    | 3.3  | 11   |

Figure 3E

|  |                       |   |               |               |              |            |               |             |             |             |            |
|--|-----------------------|---|---------------|---------------|--------------|------------|---------------|-------------|-------------|-------------|------------|
| HG1102.<br>HT1102.<br>U22662_at                    | ras-related<br>lxra   | Ras-Related C3 Botulinum Toxin Substrate<br>Nuclear orphan receptor LXR-alpha mRNA  | 1.9           | 3.7           | 13.4         | 1.8        | 1.2           | 4.1         | 4           | 2.1         | 10.9       |
| Y00787<br>AF000234_at                              | il8                   | INTERLEUKIN-8 PRECURSOR   | 89.1          | 234.5         | 40.9         | 9.8        | 13.1          | 8.4         | 8.2         | 10.8        | 10.5       |
| M81750_at<br>HG2239.<br>HT2324_at                  | p2x4<br>mnda          | P2x purinoceptor mRNA<br>MND4 Myeloid cell nuclear differentiation antigen  | 2.5           | 32.4          | 8.5          | 1.9        | 2             | 1           | 5.6         | 4.5         | 10.4       |
| AF014958_at  |                       | Potassium Channel Protein (Gb:Z11585)   | 0.9           | 2             | 1.2          | 0.7        | 0.3           | 0           | 1.7         | 2.6         | 10.1       |
| U57721_at<br>X70340_at                             | ccr6<br>kynu<br>tgfa  | Chemokine receptor X (CKRX) mRNA<br>L-kynurenine hydrolase mRNA<br>TGFA Transforming growth factor, alpha   | 3.6<br>25.2   | 9.2<br>32.5   | 36.3<br>20.4 | 3.7<br>5.9 | 5.3<br>6.7    | 6.6<br>1    | 5.1<br>3.5  | 4.3<br>11.7 | 10<br>9.9  |
| X61123_at<br>X66899_at                             | btg1<br>ews           | BTG1 B-cell translocation gene 1, anti-proliferative<br>EWSR1 Ewing sarcoma breakpoint region 1   | 30.4<br>4.9   | 26.8<br>2.9   | 14.4<br>7.5  | 8.4<br>7.3 | 4.6<br>1.3    | 4.4<br>4.2  | 3.6<br>2.3  | 7.4<br>4.4  | 9.7<br>9.7 |
| X71874_cds1_at                                     | imp10                 | Proteasome-like subunit MECL-1 gene extracted from H.sapiens genes for proteasome-like subunit (MECL-1), chymotrypsin-like protease (CTRL-1) and protein serine kinase (PSK-H1) last exon | 3.4           | 5.6           | 4.4          | 3.1        | 1.1           | 0           | 12          | 6.1         | 9.7        |
| M59465_at<br>HG4297.<br>HT4567_at                  | a20<br>TCP4           | TNFAIP1 Tumor necrosis factor alpha inducible protein A20<br>Transcriptional Coactivator Pc4  | 87            | 158.7         | 41.1         | 65.3       | 73.5          | 22.9        | 7.6         | 5.9         | 9.6        |
| V00594_s_at<br>M24283_at<br>HG4069.<br>HT4339_s_at | mt2a<br>icam1<br>mcp1 | Metallothionein isoform 2<br>ICAM1 intercellular adhesion molecule 1 (CD54), human rhinovirus receptor<br>Monocyte Chemoattractant Protein 1<br>RNA binding protein Etr-3 mRNA            | 167.1<br>70.6 | 337.3<br>32.4 | 15<br>20.7   | 64.9<br>28 | 122.8<br>11.1 | 34.8<br>3.4 | 69.4<br>9.5 | 52.2<br>6   | 9.4<br>9.3 |
| U69546_at  |                       |   | 2.9           | 2.5           | 2.8          | 38.4       | 16.9          | 10.3        | 2           | 10.7        | 9.2        |
|  |                       |   | 2.5           | 7.1           | 6.4          | 3.1        | 2.1           | 5.1         | 2.1         | 4.1         | 9.2        |

Figure 3F

|             |        |        |   |      |      |      |      |      |      |      |      |     |
|-------------|--------|--------|---|------|------|------|------|------|------|------|------|-----|
| X60673_rna1 | X60673 | ak3    | AK3 mRNA for adenylate kinase 3                                       | 15   | 38   | 35.3 | 4.5  | 7.4  | 0.3  | 3.6  | 10.5 | 9   |
| M64571_at   | M64571 | map4   | MAP4 Microtubule-associated protein 4                                 | 4.3  | 4.8  | 8.1  | 0.9  | 0.6  | 0.6  | 2    | 7.5  | 8.9 |
| U28386_at   | U28386 |        | RCH1 RAG (recombination activating gene) cohort 1                     |      |      |      |      |      |      |      |      |     |
| L08069_at   | L08069 | hsp4   | DNAJ PROTEIN HOMOLOG 2  | 2.8  | 2.4  | 15.4 | 2.6  | 1    | 8.9  | 2.7  | 2.7  | 8.9 |
| D42087_at   | D42087 |        | KIAA0118 gene, partial cds  | 12.8 | 11.1 | 12.7 | 10.9 | 20.7 | 9.7  | 1.7  | 3.9  | 8.8 |
| D90209_at   | D90209 | atf4   | ATF4 CAMP-dependent transcription factor ATF-4 (CREB2)                | 7.1  | 2.3  | 10.9 | 2.8  | 1.6  | 0    | 2    | 3.5  | 8.5 |
| M32886_at   | M32886 | scn    | SRI Sorcin  | 4.5  | 3.8  | 10.5 | 6.2  | 1.7  | 5.4  | 1.8  | 5.1  | 8.4 |
| X90858_at   | X90858 | up     | Uridine phosphorylase   | 1.9  | 4    | 1.3  | 2.1  | 0.5  | 0    | 2.3  | 3.6  | 8.3 |
| M16750_s_at |        |        |   | 13.1 | 11.4 | 10.9 | 2.4  | 1.8  | 0    | 4.5  | 1.9  | 8.3 |
| U19261_at   | U19261 | pim1   | PIM1 Pim-1 oncogene   | 28.7 | 21.8 | 41.8 | 4.2  | 3.7  | 9.4  | 3    | 5.9  | 8.2 |
| U40369_rna1 | U40369 | traf1  | Epstein-Barr virus-induced protein mRNA                               | 25.7 | 15.4 | 25.2 | 8    | 12.7 | 6    | 5.8  | 9.5  | 8.1 |
| D30755_at   | D30755 | sat    | Spermidine/spermine N1-acetyltransferase (SSAT) gene                  | 9.1  | 5.3  | 12.1 | 10.6 | 4.8  | 9.8  | 6.3  | 4.1  | 8.1 |
| X14448_at   | X14448 | NAF1   | VIM Vimentin  | 56.3 | 28.2 | 19.6 | 19.9 | 4.9  | 5.9  | 14.1 | 5.3  | 7.9 |
| L78440_at   | L78440 | glia   | ALPHA-GALACTOSIDASE A PRECURSOR                                       | 1.2  | 2.7  | 4    | 1.1  | 0.6  | 1.3  | 4.8  | 2.9  | 7.9 |
|             |        | stat4  | STAT4 Signal transducer and activator of transcription 4              | 6.4  | 16.4 | 40.6 | 0    | 1.4  | 6.5  | 3.1  | 2.4  | 7.8 |
| M31642_at   | M31642 | hpri   | HPRT1 Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome) |      |      |      |      |      |      |      |      |     |
| U58970_at   | U58970 | tom34  | Putative outer mitochondrial membrane 34 kDa translocase hTOM34 mRNA  | 5.2  | 5.4  | 6.2  | 2.2  | 0.9  | 0.3  | 2.9  | 2.4  | 7.7 |
| X79882_at   | X79882 | mvp    | Lrp mRNA  | 2.9  | 2.1  | 7.4  | 0    | 0    | 7.6  | 5.6  | 2.7  | 7.7 |
| U76764_s_at | U76764 | cd97   | CD97 antigen (leucocyte antigen)                                      | 5.5  | 5.5  | 3.8  | 1.1  | 2.3  | 0.4  | 3.7  | 1.9  | 7.6 |
| X57351_s_at | X57351 | ifitm2 | RPS3 Ribosomal protein S3 / wrong name                                | 14.8 | 10.7 | 3.4  | 14.5 | 2.8  | 2.3  | 1.7  | 2.3  | 7.5 |
| D14826_s_at | D14826 | crem   | CREM CAMP responsive element modulator                                | 13   | 84.2 | 13.1 | 15.3 | 81.7 | 30.3 | 55.9 | 20.8 | 7.5 |
| D86968_at   | D86968 | map3k4 | KIAA0213 gene, partial cds  | 3.4  | 2    | 6.3  | 13.7 | 7.8  | 50.6 | 5.1  | 1.6  | 7.4 |
| M87284_at   | M87284 | oas2   | 69/71 KD  | 10.8 | 11.7 | 7.2  | 2.8  | 0.5  | 1    | 3.6  | 1.8  | 7.4 |
| M31724_at   | M31724 | ptp1b  | PTPN1 Tyrosine phosphatase 1  | 2    | 6.1  | 9.6  | 1.3  | 5.3  | 6.2  | 5.9  | 2.2  | 7.4 |
|             |        |        |   | 14.7 | 15.8 | 16.2 | 6.7  | 8.1  | 4.1  | 4.6  | 3.5  | 7.3 |

Figure 3G



|                  |        |        |   |      |      |      |      |      |      |      |      |     |
|------------------|--------|--------|---|------|------|------|------|------|------|------|------|-----|
| Z11697_at        | Z11697 | cd83   | CD83 ANTIGEN PRECURSOR  | 18.7 | 12.6 | 9.8  | 19.6 | 9.5  | 6    | 4.1  | 10.4 | 7.2 |
| M16038_at        | M16038 | lyn    | LYN V-src-1 Yamaguchi sarcoma viral related oncogene homolog  | 7.9  | 5.6  | 9.1  | 11.6 | 6.7  | 5    | 1.6  | 4.7  | 7.1 |
| U70451_at        | U70451 | myd88  | Myeloid differentiation primary response protein MyD88 mRNA   | 2.2  | 7    | 2.8  | 6.3  | 17.2 | 7.1  | 1.6  | 2.4  | 7.1 |
| Y08682_rna1_s_at | Y08682 | cpt1b  | Carnitine palmitoyltransferase I type I   | 0.3  | 1.8  | 0.9  | 6.6  | 3    | 6.1  | 8.8  | 4.5  | 7.1 |
| HG544            | HG544  | ecgf   | Endothelial Cell Growth Factor 1  | 5.9  | 15.3 | 4.8  | 10.4 | 5.2  | 2.1  | 26.7 | 16.5 | 7   |
| HT544_at         | HT544  |        | ANPEP Alanine (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13) | 5.4  | 10.4 | 7.5  | 1.9  | 1.9  | 0    | 2.2  | 3.1  | 7   |
| M22324_at        | M22324 | anpep  | STAT5A Signal transducer and activator of transcription 5A  | 7.6  | 8.5  | 14.5 | 1.2  | 0.8  | 1.1  | 15.9 | 10.5 | 7   |
| U43185_s_at      | U43185 | stat5a | Protein tyrosine phosphatase PTPCAAX1 (hPTCAAX1) mRNA   | 2.4  | 3.7  | 14   | 2.8  | 3.2  | 14.7 | 2    | 2.3  | 6.9 |
| U48296_at        | U48296 | ptp4a1 | KIAA0082 gene, partial cds  | 2.7  | 6.7  | 5.6  | 0.3  | 0.7  | 2.6  | 6.5  | 3    | 6.8 |
| D43949_at        | D43949 |        | PML Probable transcription factor PML {alternative products}  | 3.1  | 8.9  | 6.2  | 2.7  | 6.7  | 6.2  | 3.3  | 3.8  | 6.8 |
| M79462_at        | M79462 | myl    | ICH-2 PROTEASE PRECURSOR  | 13.5 | 4.4  | 6    | 9.2  | 1.5  | 3.2  | 7.2  | 7.2  | 6.8 |
| U28014_at        | U28014 | casp4  | PML Probable transcription factor PML {alternative products}  | 6.6  | 4.7  | 4    | 4    | 0.5  | 5.8  | 4.3  | 10.3 | 6.8 |
| X63131_s_at      | X63131 | myl    | MACROPHAGE INFLAMMATORY PROTEIN 1-ALPHA PRECURSOR   | 73.8 | 125  | 11.4 | 52.8 | 73.8 | 8.5  | 7.4  | 9.6  | 6.3 |
| M23178_s_at      | M23178 | mip1a  | CSF1 Colony-stimulating factor 1 (M-CSF)  | 7    | 12.8 | 6    | 37.5 | 12.1 | 0.4  | 4.1  | 9.6  | 6.3 |
| M37435_at        | M37435 | mcsf   | Major Histocompatibility Complex, Class I, E (Gb:M21533)  | 5.7  | 7.6  | 9.2  | 5.3  | 5.3  | 3    | 2.5  | 3.9  | 6.2 |
| HG2917           | HG2917 | hla    | Modulator recognition factor 1 (MRF-1) mRNA, 3' end   | 4.8  | 8.6  | 10.2 | 7.9  | 6.1  | 14.3 | 1.8  | 3.4  | 6.2 |
| HT3061_f_at      | HT3061 | mrf-1  | Copper transport protein HAH1 (HAH1) mRNA   | 3.8  | 8.1  | 0.9  | 1.8  | 2.2  | 0.4  | 13.5 | 6.1  | 6.2 |
| M62324_at        | M62324 | atox1  | EXTL2 (EXTL2) mRNA, partial cds   | 0.7  | 7.3  | 13.5 | 1.7  | 0.2  | 0.1  | 4.4  | 5.3  | 6.1 |
| U70660_at        | U70660 | extl2  | SDC4 Syndecan 4 (amphiglycan, ryudocan)   | 6.3  | 9.9  | 21.1 | 15.2 | 11.2 | 10.2 | 2.7  | 2.7  | 6   |
| U76189_at        | U76189 |        |   |      |      |      |      |      |      |      |      |     |
| D79206_s_at      | D79206 | sdc4   |   |      |      |      |      |      |      |      |      |     |

Figure 3H

|                    |               |        |  |       |      |      |      |      |      |      |      |     |
|--------------------|---------------|--------|--|-------|------|------|------|------|------|------|------|-----|
| X14684_s.at        | X14684        | ssb    | SSB Sjogren syndrome antigen B (autoantigen La)  | 2.7   | 4.2  | 1.5  | 8.8  | 6.7  | 12.1 | 7.4  | 9.4  | 6   |
| U59863_at          | U59863        | ttraf  | TRAF-interacting protein I-TRAF mRNA   | 1.3   | 5.5  | 4.5  | 4.7  | 7.1  | 7.7  | 2.1  | 4.9  | 5.9 |
| U49436_at          | U49436        | el15   | EIF5 Eukaryotic translation initiation factor 5 (elF5)   | 5.6   | 7.7  | 16.1 | 1.2  | 5.5  | 0    | 1.4  | 2.2  | 5.7 |
| HG2915-HT3059_f.at | HG2915-HT3059 | hla    | Major Histocompatibility Complex, Class I, E (Gb:M20022)   | 6.1   | 6.3  | 8.8  | 5.8  | 4.2  | 2.8  | 1.8  | 3.6  | 5.6 |
| L41939_at          | L41939        | drt    | Receptor protein-tyrosine kinase (HEK5) mRNA, 3' end   | 0     | 0    | 1.9  | 0.4  | 0    | 1.7  | 3.6  | 4.4  | 5.6 |
| X07743_at          | X07743        | plek   | PLECKSTRIN   | 9.7   | 2.1  | 5.7  | 13.9 | 10.7 | 2.7  | 3.6  | 1.6  | 5.6 |
| D45248_at          | D45248        | pa28b  | Proteasome activator hPA28 subunit beta  | 13.1  | 17.2 | 6.2  | 17.1 | 8.2  | 5.7  | 34.3 | 17.3 | 5.5 |
| D87076_at          | D87076        |        | KIAA0239 gene, partial cds   | 0     | 2.7  | 2    | 1.2  | 3.2  | 5.8  | 3.2  | 2.7  | 5.5 |
| U22970_rna1_s.at   | U22970        | g1p3   | 6-16 gene (interferon-inducible peptide precursor) extracted from Human interferon-inducible peptide (6-16) gene | 115.3 | 68.2 | 5.8  | 70.6 | 97.1 | 13.7 | 13.1 | 15.6 | 5.5 |
| U41654_at          | U41654        |        | RagA protein   | 2.8   | 3.9  | 6.5  | 1.8  | 1.5  | 0    | 1.5  | 1.8  | 5.5 |
| U44975_at          | U44975        | bcd1   | DNA-binding protein CPBP (CPBP) mRNA, partial cds  | 2.4   | 11.3 | 6.8  | 3.7  | 7.1  | 7.8  | 1.5  | 4.2  | 5.3 |
| X56468_at          | X56468        | tau    | 14-3-3 PROTEIN TAU   | 1.1   | 1.9  | 4.9  | 5.5  | 9.3  | 8.3  | 1.9  | 1.8  | 5.2 |
| D10522_at          | D10522        | macs   | MACS Myristoylated alanine-rich C-kinase substrate   | 4     | 3.2  | 10.3 | 4.7  | 1.9  | 2.9  | 2.3  | 3.2  | 5.1 |
| U00672_at          | U00672        | il10ra | IL10R Interleukin 10 receptor  | 9.2   | 14.1 | 9.1  | 10.6 | 15   | 9.5  | 4.2  | 5.9  | 5.1 |
| X74039_at          | X74039        | plaur  | Variant urokinase plasminogen activator receptor (uPAR2) mRNA, partial cds                                       | 1.6   | 15   | 7.3  | 1.6  | 4.2  | 2.8  | 1.5  | 5.4  | 5.1 |
| D11428_at          | D11428        |        | PMP22 Peripheral myelin protein 22   | 5     | 7.7  | 1.2  | 2.9  | 1.4  | 0    | 1.9  | 2.1  | 5   |
| M69043_at          | M69043        | ikba   | MAJOR HISTOCOMPATIBILITY COMPLEX ENHANCER-BINDING PROTEIN MAD3   | 23.9  | 19.6 | 11   | 14.8 | 9.5  | 4.7  | 4.3  | 3.7  | 4.8 |
| M31627_at          | M31627        | xbp1   | X BOX BINDING PROTEIN-1  | 4.4   | 9    | 15.4 | 16.7 | 20.6 | 27.1 | 3.2  | 3.1  | 4.6 |
| U90313_at          | U90313        |        | Glutathione-S-transferase homolog mRNA   | 4.1   | 3    | 3.7  | 2.9  | 0.9  | 0    | 1.8  | 3.9  | 4.6 |
| Z49107_s.at        | Z49107        | lgals9 | Galectin   | 6.1   | 3.1  | 2.6  | 17.1 | 12.1 | 3.7  | 2.7  | 5.7  | 4.6 |
| D38048_at          | D38048        |        | Proteasome subunit z   | 0.6   | 1.2  | 1.7  | 3.6  | 0.9  | 1.4  | 5.2  | 1.4  | 4.5 |
| HG3415-HT3598_at   | HG3415-HT3598 | cd155  | Poliovirus Receptor  | 43.5  | 39.6 | 38.5 | 1.7  | 0    | 0    | 4.2  | 6.6  | 4.5 |

Figure 3I

|                  |        |        |   |  |      |      |      |      |      |     |      |      |     |
|------------------|--------|--------|---|--|------|------|------|------|------|-----|------|------|-----|
| U72621_at        | U72621 |        | LOT1 mRNA   |  | 0.8  | 2.1  | 5.2  | 2.4  | 0.3  | 4.5 | 2.9  | 3.1  | 4.5 |
| M69023_at        | M69023 |        | Globin gene   |  | 1.1  | 3    | 3.2  | 1.6  | 3.2  | 0.7 | 3.9  | 1.6  | 4.4 |
| M28170_at        | M28170 | cd19   | CD19 CD19 antigen   |  | 0.4  | 0.3  | 1.8  | 0.8  | 0    | 1.5 | 5.6  | 2.2  | 4.3 |
| S81914_at        | S81914 | lex-1  | LEX-1   |  | 7.9  | 8.1  | 10   | 1.1  | 1.9  | 0   | 2.5  | 2.2  | 4.3 |
| D00762_at        | D00762 | psma3  | PROTEASOME COMPONENT C8   |  | 2.8  | 2.4  | 4.2  | 8.2  | 9.2  | 5.2 | 2.9  | 1.7  | 4.2 |
| D63485_at        | D63485 | IKKE   | KIAA0151 gene   |  | 0.1  | 2.8  | 1.9  | 0.3  | 1.5  | 5.1 | 1.9  | 2.1  | 4.2 |
| U36922_at        | U36922 | fkhr   | Fork head domain protein (FKHR) mRNA, 3' end  |  | 0.3  | 1.5  | 4.3  | 0    | 0    | 3.1 | 6.2  | 3.3  | 4.2 |
| X53296_s_at      | X53296 | il1rn  | IL1RN Interleukin 1 receptor antagonist   |  | 65.5 | 26.4 | 6.9  | 28.7 | 14.4 | 4.6 | 4.3  | 7.7  | 4   |
| U14394_at        | U14394 | timp3  | METALLOPROTEINASE INHIBITOR 3<br>PRECURSOR  |  | 0    | 1.2  | 0.6  | 1.3  | 1.8  | 0.3 | 1.6  | 2.6  | 3.9 |
| Z35491_at        | Z35491 | bag1   | Novel glucocorticoid receptor-associated protein  |  | 4.8  | 3.1  | 0.9  | 3.3  | 1.1  | 0   | 2.7  | 3.7  | 3.9 |
| M96843_at        | M96843 | id2b   | ID2 Inhibitor of DNA binding 2, dominant  |  | 14.6 | 2.4  | 1.6  | 3.9  | 0.5  | 1.9 | 2.4  | 3.1  | 3.8 |
| U20647_at        | U20647 | znf151 | negative helix-loop-helix protein<br>ZNF151 Zinc finger protein 151 (pHZ 67)                                      |  | 2.9  | 11.8 | 6.2  | 0    | 1.4  | 0   | 4.7  | 3.8  | 3.8 |
| D00763_at        | D00763 | psma4  | GAPD Glyceraldehyde-3-phosphate<br>dehydrogenase  |  | 6.1  | 4.5  | 3    | 10.5 | 4.3  | 6   | 7    | 11.2 | 3.7 |
| U09937_rna1_s_at | U09937 | plaur  | Urokinase-type plasminogen activator receptor<br>gene extracted from Human urokinase-type<br>plasminogen receptor |  | 17   | 26.9 | 14.5 | 12.5 | 10.7 | 2.4 | 3    | 3.5  | 3.7 |
| D49410_at        | D49410 | il3ra  | IL3RA Interleukin 3 receptor, alpha (low affinity)  |  | 0.5  | 2.6  | 3.3  | 0.2  | 0.3  | 0.5 | 4.1  | 3.5  | 3.6 |
| D86979_at        | D86979 |        | KIAA0226 gene   |  | 0.7  | 3.7  | 0.2  | 2.1  | 3    | 3.3 | 9.2  | 3.1  | 3.6 |
| J03805_s_at      | J03805 |        | Phosphatase 2A mRNA, partial cds  |  | 1.6  | 1.3  | 3.7  | 3.1  | 0.9  | 5.3 | 2.9  | 2.4  | 3.6 |
| U46751_at        | U46751 | p62    | Phosphotyrosine independent ligand p62 for the<br>Lck SH2 domain mRNA   |  | 0.8  | 1.6  | 1.9  | 1.4  | 2.1  | 4.8 | 2.3  | 3.9  | 3.6 |
| M88338_at        | M88338 |        | SERUM PROTEIN MSE55   |  | 8.3  | 4.4  | 5.6  | 1.4  | 4    | 5.9 | 4    | 3.3  | 3.5 |
| U90908_at        | U90908 |        | Clones 23549 and 23762 mRNA   |  | 0    | 0    | 0    | 0    | 0    | 0   | 3.4  | 1.8  | 3.5 |
| D32129_f_at      | D32129 | hla-a  | HLA-A MHC class I protein HLA-A (HLA-A28;<br>B40, Cw3)  |  | 8.5  | 5.5  | 7.4  | 5.7  | 3.1  | 6.9 | 2.5  | 3.7  | 3.4 |
| J05070_at        | J05070 | mmp9   | MMP2 Matrix metalloproteinase 2 (gelatinase A;<br>collagenase type IV)  |  | 0.9  | 10.8 | 0.1  | 0    | 0.1  | 0   | 18.3 | 5.4  | 3.4 |

Figure 3J

| U03398_at   | U03398   | 41bbl     | Receptor 4:1BB ligand mRNA   | 3.3  | 9.2   | 27.9 | 0    | 9.2  | 3.7 | 2.2  | 1.6  | 3.4 |
|-------------|----------|-----------|--|------|-------|------|------|------|-----|------|------|-----|
| U20158_at   | U20158   | lcp2      | 76 kDa tyrosine phosphoprotein SLP-76 mRNA                                   | 3.7  | 7.8   | 8.6  | 8    | 12.6 | 3.4 | 3    | 2.3  | 3.3 |
| AF001294_at | AF001294 | ipl       | IPL (IPL) mRNA   | 2.6  | 2.3   | 6    | 4.5  | 2.2  | 2.8 | 2.9  | 3.9  | 3.1 |
| U03105_at   | U03105   | b4-2      | B4-2 protein mRNA  | 29.4 | 10.7  | 8.2  | 11.4 | 5.7  | 5   | 6.4  | 2.6  | 3.1 |
| U09587_at   | U09587   | gars      | GARS Glycyl-tRNA synthetase  | 1.4  | 0.8   | 2.7  | 1.3  | 0.4  | 0   | 1.9  | 4.1  | 3   |
| HG3494      | HG3494   |           |  |      |       |      |      |      |     |      |      |     |
| HT3688_at   | HT3688   | nfil6     | Nuclear Factor Nf-IL6  | 11.4 | 2.8   | 3.1  | 8.9  | 1    | 0   | 2.6  | 1.6  | 2.9 |
| J04130_s_at | J04130   | mip1b     | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip-1b)               | 81.9 | 42.2  | 5.7  | 70.3 | 51.6 | 6.5 | 9.9  | 4.6  | 2.9 |
| L11329_at   | L11329   | dusp2     | DUAL SPECIFICITY PROTEIN PHOSPHATASE PAC-1                                   | 52.1 | 177.6 | 16.1 | 16.2 | 14.7 | 2.4 | 7.9  | 1.4  | 2.9 |
| AF006041_at | AF006041 | daxx      | Fas-binding protein (DAXX) mRNA, partial cds                                 | 2    | 2.5   | 4.7  | 4.1  | 3.6  | 7.8 | 4.2  | 1.6  | 2.8 |
| U30999_at   | U30999   | cd166     | U30999 Homo sapiens MV3 melanoma Homo sapiens cDNA clone memd, mRNA sequence | 9.9  | 9.3   | 6.3  | 3.4  | 0    | 0.1 | 3.7  | 3.5  | 2.8 |
| X17093_at   | X17093   | hla-cda12 | HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, F ALPHA CHAIN PRECURSOR              | 12.7 | 8.4   | 5.2  | 5.3  | 1.8  | 4.3 | 21.8 | 12.4 | 2.8 |
| D50912_at   | D50912   |           | KIAA0122 gene, partial cds   | 0    | 2.7   | 0.9  | 0.2  | 0.8  | 1.4 | 2.3  | 1.3  | 2.7 |
| L23808_at   | L23808   | mmp12     | MMP12 Matrix metalloproteinase 12 (macrophage elastase)                      | 14.6 | 84.9  | 3.1  | 1.2  | 2.8  | 0.7 | 4.9  | 5.6  | 2.7 |
| L02426_at   | L02426   | psmc1     | 26S PROTEASE REGULATORY SUBUNIT 4  | 1.8  | 2.9   | 0.1  | 7.5  | 3    | 0.6 | 2.3  | 3.4  | 2.6 |
| L76159_at   | L76159   | frg1      | FRG1 mRNA  | 0    | 1.3   | 0    | 4.2  | 1.1  | 0.2 | 2.7  | 3.4  | 2.6 |
| U27460_at   | U27460   | ugp2      | Uridine diphosphoglucose pyrophosphorylase mRNA                              | 2.1  | 3.6   | 3.3  | 0.9  | 2.1  | 1   | 1.8  | 1.9  | 2.5 |
| X77584_at   | X77584   | txn       | TXN Thioredoxin  | 22.4 | 39.5  | 5.2  | 16.8 | 18.4 | 7.9 | 3.8  | 8    | 2.5 |
| Y00062_at   | Y00062   | cd45      | PTPRC Protein tyrosine phosphatase, receptor type, c polypeptide             | 0.6  | 0.9   | 0    | 1.8  | 3.3  | 2.5 | 2.8  | 3.8  | 2.4 |
| Y07566_at   | Y07566   |           | Rit mRNA   | 3.3  | 1.2   | 0.1  | 2.4  | 0.3  | 0   | 3.2  | 2.3  | 2.4 |
| D31890_at   | D31890   | kars      | KIAA0070 gene, partial cds   | 0.9  | 1     | 1.4  | 1.2  | 0.3  | 0.1 | 2.6  | 3.7  | 2.3 |
| M85169_at   | M85169   | d17s811e  | Homologue of yeast sec7 mRNA   | 4.1  | 2.1   | 3.7  | 4.4  | 0.8  | 1.6 | 4.6  | 5.5  | 2.3 |
| M97796_s_at | M97796   | id2       | ID2 Inhibitor of DNA binding 2, dominant negative helix-loop-helix protein   | 38.2 | 0.7   | 1.9  | 8.4  | 0.8  | 1.4 | 2.7  | 2.1  | 2.3 |

Figure 3K

|               |           |               |  |      |      |     |      |      |      |     |      |     |
|---------------|-----------|---------------|--|------|------|-----|------|------|------|-----|------|-----|
| U03057_at     | U03057    | snl           | Actin bundling protein mRNA  | 59.8 | 27.5 | 8.4 | 4.1  | 10.4 | 14.1 | 32  | 13.4 | 2.3 |
| X80692_at     | X80692    |               | ERK3 protein kinase mRNA   | 1.4  | 2.2  | 1.5 | 2.6  | 1    | 0    | 1.5 | 1.8  | 2.3 |
| L26247_at     | L26247    | sui1          | RPL3 Ribosomal protein L3  | 3.7  | 2.4  | 4.5 | 2.3  | 2.7  | 2.1  | 1.7 | 2.6  | 2.2 |
| U09579_at     | U09579    | cpne5         | CDKN1A Cyclin-dependent kinase inhibitor 1A (p21, Cip1)  | 12   | 9.5  | 5.1 | 5.6  | 2.4  | 1.2  | 2.3 | 3.4  | 2.2 |
| D86550_at     | D86550    | dyrk1a        | Serine/threonine protein kinase  | 1.3  | 2.9  | 6.8 | 6    | 3.5  | 7.3  | 1.9 | 2.1  | 2   |
| HG1879        | HG1879    |               |  |      |      |     |      |      |      |     |      |     |
| HT1919_at     | HT1919    |               | Ras-Like Protein Tc10  | 1.1  | 1.3  | 0.6 | 0    | 0.9  | 0    | 7.3 | 2.9  | 1.9 |
| S74017_at     | S74017    | nrf2          | Nrf2   | 3.8  | 6.3  | 3.7 | 3    | 2.8  | 1.8  | 3.1 | 2.8  | 1.9 |
| U20758_mal_at | U20758    | osteopontin   | Osteopontin gene   | 2.1  | 5    | 0.5 | 1    | 5.3  | 1.2  | 1.4 | 6.3  | 1.9 |
| V00599_s_at   | V00599    | tubulinB like | mRNA fragment encoding beta-tubulin. (from clone D-beta-1)                                     | 6.6  | 6.3  | 2.7 | 6.5  | 5.5  | 0    | 2.2 | 3.8  | 1.9 |
| HG2981        | HG2981    |               |  |      |      |     |      |      |      |     |      |     |
| HT3125_s_at   | HT3125    | cd44          | Epican, Alt. Splice 1  | 13.1 | 9.7  | 8.1 | 2    | 1.4  | 0    | 2.7 | 2.3  | 1.7 |
| U16811_s_at   | U16811    | bak1          | Bak protein mRNA   | 0.9  | 3.7  | 1.9 | 3.9  | 6.6  | 3.7  | 2.8 | 1.5  | 1.7 |
| Z17227_at     | Z17227    | il10rb        | CRFB4 Cytokine receptor family II, member 4  | 1.9  | 3.4  | 3.7 | 3.1  | 1.2  | 1.7  | 3.3 | 2.1  | 1.7 |
| HG3597        | HG3597    |               | Major Histocompatibility Complex, Class I (Gb:X12432)  | 7    | 5.8  | 3.3 | 6.5  | 2.3  | 3.6  | 4   | 4.3  | 1.6 |
| HT3800_f_at   | HT3800    | hla           |  |      |      |     |      |      |      |     |      |     |
| U91616_at     | U91616    | ikbe          | I kappa B epsilon (IkBe) mRNA  | 16.3 | 12.4 | 3.3 | 12.6 | 4.5  | 0    | 4.1 | 6.1  | 1.5 |
| D78134_at     | D78134    | cirbp         | YWHAZ Tyrosine 3 monooxygenase/tryptophan 5 monooxygenase activation protein, zeta polypeptide | 0.8  | 1    | 0.8 | 2.1  | 0.7  | 0    | 3.1 | 2.2  | 1.4 |
| X67951_at     | X67951    | paga          | PAGA Proliferation-associated gene A (natural killer-enhancing factor A)                       | 1    | 0.4  | 0.5 | 2.6  | 3.3  | 3.6  | 2.5 | 4.4  | 1.4 |
| Z47055_s_at   | Z47055    |               | Partial cDNA sequence, farnesyl pyrophosphate synthetase like 4                                | 4.4  | 1.4  | 1.3 | 1    | 3    | 0    | 2.6 | 6.5  | 1.4 |
| L40377_at     | L40377    | cap2          | Cytoplasmic antipeptidase 2 (CAP2) mRNA  | 7.4  | 8.1  | 7   | 2.7  | 0.5  | 0    | 2.2 | 2.8  | 1.3 |
| Z28407_at     | Z28407    | rpl8          | RPL8 Ribosomal protein L8  | 1.2  | 0.4  | 0.8 | 2.1  | 0.4  | 2.7  | 1.5 | 0.6  | 1.3 |
| HG33          | HG33      |               |  |      |      |     |      |      |      |     |      |     |
| HT33_at       | HG33-HT33 |               | Ribosomal Protein S4, X-Linked   | 0.4  | 1.9  | 0.2 | 0.8  | 1.1  | 0.6  | 1   | 1    | 1.1 |

Figure 3L

|             |          |           |  |     |     |     |     |     |     |     |     |     |
|-------------|----------|-----------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| J04027_at   | J04027   | atp2b1    | Adenosine triphosphatase mRNA  | 0.4 | 4.7 | 2.2 | 0   | 1.1 | 0   | 1.7 | 0.9 | 0.8 |
| X67247_rna1 | X67247   | rps8      | Rps8 gene for ribosomal protein S8   | 0.5 | 1.1 | 0.6 | 0.5 | 1   | 0.5 | 0.8 | 1.1 | 0.7 |
| D13640_at   | D13640   | pp2c-like | PUTATIVE PROTEIN PHOSPHATASE 2C  | 0   | 0   | 0   | 0   | 1.3 | 0   | 0   | 0.6 | 0.5 |
| D86985_at   | D86985   | tmsb      | KIAA0232 gene  | 0   | 0.2 | 0   | 0.5 | 0.6 | 0   | 1.3 | 0.7 | 0.5 |
| M12125_at   | M12125   |           | Skeletal beta-tropomyosin  | 0   | 0   | 0   | 0   | 0.2 | 0   | 0   | 0   | 0.4 |
| U53204_at   | U53204   |           | Plectin (PLEC1) mRNA   | 0.7 | 0.8 | 0   | 0.2 | 0.5 | 0   | 0.6 | 1.2 | 0.4 |
| D63880_at   | D63880   |           | KIAA0159 gene  | 0   | 0.8 | 0   | 0.6 | 0   | 0   | 0   | 0   | 0.3 |
| X77588_s_at | X77588   | ard1      | GNAS1 Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 | 0   | 2.8 | 0   | 0   | 0.6 | 0   | 0.7 | 1.9 | 0.3 |
| AF002700_at | AF002700 | gdnfrb    | RET ligand 2 (RET2) mRNA   | 0   | 0.3 | 0   | 0   | 1.3 | 0   | 1.9 | 1   | 0.2 |
| M31303_rna1 | M31303   | lap18     | Oncoprotein 18 (Op18) gene   | 0   | 0   | 1.4 | 0   | 0.4 | 0.4 | 0.8 | 0   | 0.2 |
| U61263_at   | U61263   |           | Acetolactate synthase homolog mRNA   | 0   | 0.6 | 0   | 0   | 0.5 | 0   | 0   | 0   | 0.2 |
| U66464_at   | U66464   |           | Hematopoietic progenitor kinase (HPK1) mRNA  | 0   | 1.5 | 0   | 1.3 | 1.7 | 0   | 0.5 | 0.5 | 0.1 |
| Z34897_at   | Z34897   | hrh1      | HRH1 Histamine receptor H1   | 0   | 0   | 0   | 0   | 0.3 | 0   | 0   | 0.6 | 0.1 |
| D25218_at   | D25218   |           | KIAA0112 gene, partial cds   | 0.6 | 0.6 | 0   | 0   | 2.8 | 0   | 0.4 | 0   | 0   |
| D26308_at   | D26308   | blvrb     | NADPH:flavin reductase   | 0   | 1   | 0   | 0   | 0.8 | 0   | 1.1 | 0   | 0   |
| D87292_at   | D87292   | rds       | Rhodanese  | 0   | 0.4 | 0   | 0   | 0   | 0   | 0   | 0.3 | 0   |
| D87433_at   | D87433   | kiaa0246  | KIAA0246 gene, partial cds   | 0   | 0.9 | 0   | 0   | 0.3 | 0   | 0   | 0.6 | 0   |
| D87453_at   | D87453   |           | KIAA0264 gene, partial cds   | 0   | 0   | 0   | 0   | 0   | 0   | 1.5 | 0   | 0   |
| HG1869      | HG1869   |           | Male Enhanced Antigen  | 0   | 1.1 | 0   | 0   | 0.5 | 0   | 0.4 | 0   | 0   |
| HT1904_at   | HT1904   |           | SPTAN1 Spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)                                      | 0   | 1.8 | 0   | 3.6 | 0.8 | 0   | 1.1 | 0.4 | 0   |
| J05243_at   | J05243   | sptan1    | IMPDPH1 IMP (inosine monophosphate) dehydrogenase 1  | 0   | 0   | 0   | 0   | 0.7 | 0   | 0.9 | 0   | 0   |
| J05272_at   | J05272   | impdh1    | TKT Transketolase (Wernicke-Korsakoff syndrome)  | 0   | 0.6 | 0   | 0   | 0.9 | 0   | 0.4 | 0   | 0   |
| L12711_s_at | L12711   | tkt       | ADORA3 Adenosine receptor A3   | 0   | 0   | 0   | 0   | 0.2 | 0   | 0   | 0.7 | 0   |
| L77730_at   | L77730   | adora3    | Endogenous retrovirus envelope region mRNA (PL1)   | 0   | 1.1 | 0   | 0   | 1.5 | 0   | 0   | 0.2 | 0   |
| M11119_at   | M11119   | PL1       |  | 0   | 1.1 | 0   | 0   | 1.5 | 0   | 0   | 0.2 | 0   |

Figure 3M



| affyID      | GBA    | gene symbol | gene Name  | feco   | heco   | teco   | fpr8  | hpr8  | tpr8  | ican | mcan | tcan  |
|-------------|--------|-------------|--|--------|--------|--------|-------|-------|-------|------|------|-------|
| V00594_at   | V00594 | mt2a        | Metallothionein isoform 2                                  | 1683.1 | 1698.4 | 143.4  | 371.1 | 414.5 | 107.8 | 3.3  | 261  | 74.2  |
| X64177_f_at | X64177 | mt1h        | Metallothionein  | 761.9  | 728.2  | 93.6   | 73.7  | 66.9  | 27.4  | 10.4 | 27.4 | 14.9  |
| X04500_at   | X04500 | il1b        | IL1B Interleukin 1, beta                                   | 199.3  | 598.3  | 184.4  | 9.1   | 12.6  | 20.2  | 24   | 11.1 | 48.7  |
| J03910_rna1 | J03910 | mt1g        | (clone 14VS) metallothionein-1G (MT1G) gene                | 605.9  | 500.2  | 138.9  | 1.1   | 1.9   | 0     | 0    | 2.7  | 0.3   |
| X04602_s_at | X04602 | il6         | IL6 Interleukin 6 (B cell stimulatory factor 2)            | 408.5  | 379.2  | 1267.5 | 70.5  | 76.5  | 269.4 | 14.6 | 43   | 111   |
| U33017_at   | U33017 | slam        | Signaling lymphocytic activation molecule (SLAM) mRNA      | 320.7  | 343.9  | 685.7  | 4.8   | 25.8  | 3     | 2.7  | 24.4 | 84.5  |
| M65290_at   | M65290 | il12b/p40   | IL12B Natural killer cell stimulatory factor (IL12B)       | 71.2   | 261.5  | 825.7  | 0     | 2.3   | 4.7   | 32.8 | 76   | 412.7 |
| Y00787_s_at | Y00787 | il8         | INTERLEUKIN-8 PRECURSOR                                    | 89.1   | 234.5  | 40.9   | 9.8   | 13.1  | 8.4   | 8.2  | 10.8 | 10.5  |
| X57579_s_at | X57579 | activinb    | Activin beta-A subunit (exon 2)                            | 166.9  | 233.7  | 47.2   | 22.8  | 16.8  | 9.4   | 14.1 | 19.3 | 24.6  |
| L11329_at   | L11329 | dusp2       | DUAL SPECIFICITY PROTEIN PHOSPHATASE PAC-1                 | 52.1   | 177.6  | 16.1   | 16.2  | 14.7  | 2.4   | 7.9  | 1.4  | 2.9   |
| X54489_rna1 | X54489 | gro1        | Melanoma growth stimulatory activity (MGSA)                | 49.6   | 130.6  | 644.5  | 0.9   | 3.2   | 7.5   | 4.6  | 14.6 | 22.8  |
| X54925_at   | X54925 | mmp1        | MMP1 Matrix metalloproteinase 1 (interstitial collagenase) | 74.3   | 127.2  | 147.8  | 0.5   | 0     | 0.4   | 0.4  | 0.4  | 0.7   |
| U04636_rna1 | U04636 | cox2        | Cyclooxygenase-2 (hCox-2) gene                             | 110    | 120.8  | 608.6  | 15.3  | 13.8  | 87.4  | 5    | 4.7  | 54.9  |
| M57731_s_at | M57731 | gro2        | GRO2 GRO2 oncogene   | 39.1   | 114.4  | 703.3  | 2     | 4.8   | 32.2  | 13.8 | 11.7 | 53.6  |
| M28130_rna1 | M28130 | il8         | Interleukin 8 (IL8) gene                                   | 109.8  | 107.8  | 333.5  | 6.2   | 8.3   | 33.6  | 2.6  | 1.9  | 9.2   |
| M26311_s_at | M26311 | cagb        | Cystic fibrosis antigen mRNA                               | 45.8   | 106.5  | 303.7  | 0.9   | 4     | 0.2   | 2.3  | 0    | 0.6   |
| U29680_at   | U29680 | bcl2a1      | Bcl-2 related (Bfl-1) mRNA                                 | 105.3  | 97.9   | 678.7  | 40.7  | 35.7  | 117.5 | 4    | 8.3  | 179.1 |
| M10942_at   | M10942 | mtle        | Metallothionein-le gene (hMT-le)                           | 50.2   | 90.3   | 63.6   | 1.4   | 6     | 1.8   | 0.8  | 0.6  | 0.2   |

Figure 4A



|                  |               |        |   |       |      |        |      |      |       |      |      |      |
|------------------|---------------|--------|---|-------|------|--------|------|------|-------|------|------|------|
| M31166_at        | M31166        | ptx3   | PTX3 Pentaxin-related gene, rapidly induced by IL-1 beta                  | 82.7  | 88.9 | 807.3  | 21   | 27.2 | 122.2 | 5.2  | 2.5  | 20.9 |
| L23808_at        | L23808        | mmp12  | MMP12 Matrix metalloproteinase 12 (macrophage elastase)                   | 14.6  | 84.9 | 3.1    | 1.2  | 2.8  | 0.7   | 4.9  | 5.6  | 2.7  |
| U15932_at        | U15932        | duosp5 | Protein tyrosine phosphatase mRNA   | 57    | 76.5 | 44.5   | 9.8  | 11.1 | 8.8   | 2.4  | 4.4  | 13.4 |
| Y00081_s_at      | Y00081        | il6    | IL6 Interleukin 6 (B cell stimulatory factor 2)                           | 144.3 | 71.8 | 1281.1 | 39.5 | 22.4 | 95.7  | 0.5  | 15.8 | 39.3 |
| D84276_at        | D84276        | cd38   | CD38 CD38 antigen (p45)   | 32.4  | 70.8 | 168.3  | 6.1  | 6.6  | 20.8  | 0.2  | 34.9 | 132  |
| L15702_at        | L15702        | bf     | BF B-factor, properdin  | 46.3  | 64.4 | 85.6   | 3.3  | 7.9  | 7.8   | 5.4  | 6.5  | 33.8 |
| U31628_at        | U31628        | il15ra | IL15RA Interleukin 15 receptor alpha chain                                | 13    | 55.5 | 212.3  | 3.2  | 8.2  | 44.4  | 1.1  | 8.4  | 83.6 |
| K01396_at        | K01396        | aat    | PI Protease inhibitor 1 (anti-elastase), alpha-1 antitrypsin              | 47.3  | 55.4 | 72.2   | 4.7  | 5.7  | 2.9   | 0.9  | 4.7  | 3    |
| X53800_s_at      | X53800        | gro3   | GRO3 GRO3 oncogene  | 10.9  | 51.8 | 49.2   | 2    | 5.2  | 5.4   | 1.7  | 0.6  | 3    |
| M60974_s_at      | M60974        | gadd45 | DDIT1 DNA-damage-inducible transcript 1                                   | 30.7  | 43.6 | 78.3   | 0.4  | 4.4  | 5.1   | 1.4  | 1    | 6.7  |
| HG3415-HT3598_at | HG3415-HT3598 | cd155  | Poliovirus Receptor   | 43.5  | 39.6 | 38.5   | 1.7  | 0    | 0     | 4.2  | 6.6  | 4.5  |
| M72885_s_at      | M72885        | GOS2   | GOS2 gene extracted from Human GOS2 gene, 5' flank and cds                | 126.1 | 38   | 44.9   | 10.8 | 6.2  | 5.3   | 10.4 | 11.3 | 18.7 |
| X60673_at        | X60673        | ak3    | AK3 mRNA for adenylate kinase 3   | 15    | 38   | 35.3   | 4.5  | 7.4  | 0.3   | 3.6  | 10.5 | 9    |
| X76717_at        | X76717        | mt1l   | MT1L Metallothionein 1L   | 5.7   | 37.4 | 8.9    | 0    | 3    | 2.1   | 1.1  | 0.2  | 0    |
| L40379_at        | L40379        | trip10 | Thyroid receptor interactor (TRIP10) mRNA, 3' end of cds                  | 34.8  | 37.1 | 33     | 5.3  | 5.5  | 7.6   | 22.2 | 8.9  | 13.5 |
| D38128_at        | D38128        | ptgir  | PTGIR Prostaglandin I2 (prostaglandin) receptor (IP)                      | 29.8  | 34.8 | 71.9   | 7.9  | 2.2  | 16.2  | 11   | 2.1  | 65.6 |
| U57721_at        | U57721        | kynu   | L-kynurenine hydrolase mRNA   | 25.2  | 32.5 | 20.4   | 5.9  | 6.7  | 1     | 3.5  | 11.7 | 9.9  |
| M24283_at        | M24283        | icam1  | ICAM1 Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor | 70.6  | 32.4 | 20.7   | 28   | 11.1 | 3.4   | 9.5  | 6    | 9.3  |
| D45906_at        | D45906        | limk2  | LIMK-2  | 3.9   | 31.6 | 25.9   | 0.8  | 3.6  | 7.6   | 1.9  | 1.1  | 10.9 |
| D30755_at        | D30755        | NAF1   | VIM Vimentin  | 56.3  | 28.2 | 19.6   | 19.9 | 4.9  | 5.9   | 14.1 | 5.3  | 7.9  |
| X61123_at        | X61123        | btg1   | BTG1 B-cell translocation gene 1, anti-proliferative                      | 30.4  | 26.8 | 14.4   | 8.4  | 4.6  | 4.4   | 3.6  | 7.4  | 9.7  |
| U02020_at        | U02020        | pbf    | Pre-B cell enhancing factor (PBEF) mRNA                                   | 26.9  | 26.4 | 37.4   | 6.9  | 11.9 | 14.5  | 2.9  | 1.4  | 8.5  |

Figure 4B

| M10943_at      | M10943   | mtlf       | Metallothionein-Ilf gene (hMT-Ilf)   | 5.5  | 26.1 | 26.6  | 0   | 0    | 2.7  | 1   | 0.9 | 0    |
|----------------|----------|------------|--|------|------|-------|-----|------|------|-----|-----|------|
| L15326_s_at    | L15326   | cox2       | PTGS2 Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)    | 39.5 | 23.7 | 92.4  | 2   | 1.2  | 6.6  | 2.1 | 0   | 2.4  |
| M86849_at      | M86849   | cx26       | Connexin 26 (GJB2) mRNA  | 2.9  | 22.6 | 31.6  | 0.2 | 1.4  | 2.4  | 0.4 | 0.1 | 4.5  |
| M21005_at      | M21005   | caga       | CALGRANULIN A  | 6.4  | 22.4 | 165.6 | 0   | 1.4  | 5.6  | 0.8 | 0   | 0.9  |
| M90657_at      | M90657   | m3s1       | TUMOR-ASSOCIATED ANTIGEN L6  | 18.5 | 22.2 | 90.1  | 0.3 | 0.3  | 0    | 0   | 0   | 0    |
| M16750_s_at    | M16750   | pim1       | PIM1 Pim-1 oncogene  | 28.7 | 21.8 | 41.8  | 4.2 | 3.7  | 9.4  | 3   | 5.9 | 8.2  |
| D86967_at      | D86967   |            | KIAA0212 gene  | 29.9 | 21.4 | 5.7   | 0.4 | 6.7  | 0.3  | 0.8 | 2.1 | 4.9  |
| M32315_at      | M32315   | tnfr2      | TNFR2 Tumor necrosis factor receptor 2 (75kD)  | 49.5 | 20.7 | 28.5  | 0.3 | 0.5  | 0.6  | 5.4 | 1   | 2.5  |
| U64197_at      | U64197   | mip3a/larc | CC chemokine LARC precursor  | 10.8 | 20.2 | 164.2 | 1.7 | 12.2 | 16.1 | 0   | 3.9 | 6.4  |
| D14874_at      | D14874   | adm        | ADM Adrenomedullin   | 18   | 20.1 | 46.2  | 3.4 | 4.5  | 10.4 | 2.5 | 5.2 | 16.1 |
| M36284_s_at    | M36284   | ge         | GYPC Glycophorin C (Gerbich blood group)   | 9.4  | 19.9 | 7.1   | 7   | 6.5  | 1.7  | 1.6 | 0.9 | 2.3  |
| X78710_at      | X78710   | mtf1       | MTF-1 mRNA for metal-regulatory transcription factor   | 8.7  | 19.7 | 8.9   | 2.9 | 5    | 1.1  | 0   | 1.5 | 2.3  |
| U08021_at      | U08021   | nnmt       | Nicotinamide N-methyltransferase (NNMT) mRNA   | 3.7  | 19.6 | 1.7   | 0.3 | 0.9  | 0    | 0.8 | 0   | 0.4  |
| D17357_at      | D17357   | actbA      | Actinin beta-A gene, regulatory sequence of 5upstream region                                   | 29.4 | 18.8 | 10.8  | 0.2 | 0.9  | 7.3  | 5.9 | 0   | 1.4  |
| AF005775_at    | AF005775 | flip       | Caspase-like apoptosis regulatory protein 2 (clarp) mRNA, alternatively spliced                | 7.8  | 18.5 | 37.9  | 0.7 | 5.9  | 5.4  | 3   | 7.6 | 18.4 |
| AF008445_at    | AF008445 | plscr1     | Phospholipid scramblase mRNA   | 28.9 | 17.3 | 127.1 | 2   | 7.6  | 38.3 | 1.2 | 6.3 | 88.5 |
| U15460_at      | U15460   | batf       | BZip protein BATF mRNA   | 19.8 | 17.1 | 26    | 1.5 | 0.4  | 0.9  | 3   | 3.3 | 11   |
| X65724_at      | X65724   | ndp        | NDP Norrie disease (pseudoglioma) protein  | 33.4 | 17.1 | 39.4  | 0   | 1.2  | 0    | 3.5 | 0.5 | 2.5  |
| L78440_at      | L78440   | stat4      | STAT4 Signal transducer and activator of transcription 4                                       | 6.4  | 16.4 | 40.6  | 0   | 1.4  | 6.5  | 3.1 | 2.4 | 7.8  |
| Z48481_at      | Z48481   | mmp14      | MT-MMP protein   | 12.2 | 15.6 | 10.1  | 1.3 | 8.8  | 2.7  | 2   | 0   | 2.4  |
| X03656_rna1_at | X03656   | gcsf       | G-CSF protein gene extracted from Human gene for granulocyte colony-stimulating factor (G-CSF) | 19.4 | 15.2 | 37.6  | 0.5 | 1.2  | 0.5  | 1   | 0   | 1.5  |

Figure 4C

|             |        |        |  |      |      |       |     |     |     |     |     |      |
|-------------|--------|--------|--|------|------|-------|-----|-----|-----|-----|-----|------|
| L20861_at   | L20861 | wnt5a  | WNT5A Wingless-type MMTV integration site  | 11   | 15   | 11.5  | 0   | 1.4 | 0   | 1   | 1   | 4.6  |
| M13792_at   | M13792 | ada    | 5A, human homolog  | 13.5 | 14.9 | 108.1 | 0.7 | 1.6 | 6.6 | 3.6 | 2.1 | 12.3 |
| X05232_at   | X05232 | mmp3   | ADA Adenosine deaminase  | 20.4 | 14.4 | 8.3   | 0.3 | 0.1 | 0.1 | 0   | 0   | 1.1  |
| D87953_at   | D87953 | rtp    | MMP3 Stromelysin   | 17.8 | 14.2 | 20.6  | 0   | 0.9 | 0.5 | 1.2 | 0.8 | 5    |
| M54915_s_at | M54915 | pim1   | RTP  | 11   | 13.7 | 37.2  | 2.1 | 2.1 | 6.2 | 0.9 | 0.7 | 5.9  |
| D12775_s_at | D12775 | ampd3  | PIM1 Pim-1 oncogene  | 14.7 | 13.1 | 18.9  | 0.1 | 2.7 | 0.9 | 0.8 | 1.2 | 4.5  |
| M68840_at   | M68840 | maoa   | AMPD3 Adenosine monophosphate deaminase (isoform E)  | 11.2 | 13   | 11.7  | 0.8 | 3.4 | 0   | 0.7 | 2.1 | 0.7  |
| M35999_at   | M35999 | itgb3  | MAOA Monoamine oxidase A   | 8.3  | 12.8 | 21.8  | 0.3 | 0   | 0   | 1.7 | 0.4 | 0    |
| L37936_at   | L37936 |        | ITGB3 Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)  | 6.1  | 12.5 | 19.6  | 0.6 | 5.5 | 0.4 | 0.6 | 2.6 | 5.1  |
| S66896_at   | S66896 | scca1  | MITOCHONDRIAL ELONGATION FACTOR TS PRECURSOR   | 28   | 12.3 | 47.6  | 0   | 0.2 | 3.3 | 0   | 0.2 | 1.5  |
| X66363_at   | X66363 | ptk1   | SCCA1 Squamous cell carcinoma antigen 1  | 11.2 | 11.9 | 32.3  | 0   | 0.7 | 0.1 | 0   | 0   | 5.2  |
| D86968_at   | D86968 | map3k4 | SERINE/THREONINE PROTEIN KINASE PCTAIRE-1  | 10.8 | 11.7 | 7.2   | 2.8 | 0.5 | 1   | 3.6 | 1.8 | 7.4  |
| U15174_at   | U15174 | nip3   | KIAA0213 gene, partial cds   | 9    | 11.4 | 27.3  | 0.6 | 2.1 | 0.8 | 0.3 | 1.7 | 11.1 |
| X90858_at   | X90858 | up     | Nip3 (NIP3) mRNA   | 13.1 | 11.4 | 10.9  | 2.4 | 1.8 | 0   | 4.5 | 1.9 | 8.3  |
|             |        |        | Uridine phosphorylase  |      |      |       |     |     |     |     |     |      |
|             |        |        | ANPEP Alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13) | 5.4  | 10.4 | 7.5   | 1.9 | 1.9 | 0   | 2.2 | 3.1 | 7    |
| M22324_at   | M22324 | anpep  | Cytokine receptor (EBI3) mRNA  | 17.4 | 10.2 | 54.9  | 0   | 0.6 | 3   | 0   | 2.1 | 12.5 |
| L08187_at   | L08187 | ebi3   |  |      |      |       |     |     |     |     |     |      |
| HG2981      | HG2981 |        |  |      |      |       |     |     |     |     |     |      |
| HT3125_s_at | HT3125 | cd44   | Epican, Alt. Splice 1  | 13.1 | 9.7  | 8.1   | 2   | 1.4 | 0   | 2.7 | 2.3 | 1.7  |
| J04102_at   | J04102 | ets2   | ETS2 V-ets avian erythroblastosis virus E26 oncogene homolog 2   | 23.3 | 9.6  | 53.3  | 0.7 | 4.7 | 0   | 0   | 0.5 | 3.3  |
| D14497_at   | D14497 | cot    | COT Proto-oncogene c-cot (protein-serine/threonine kinase)   | 4.1  | 9.5  | 27    | 0   | 0.6 | 4.4 | 0.5 | 0   | 1.2  |
| U09579_at   | U09579 | cpne5  | CDKN1A Cyclin-dependent kinase inhibitor 1A (p21, Cip1)  | 12   | 9.5  | 5.1   | 5.6 | 2.4 | 1.2 | 2.3 | 3.4 | 2.2  |

Figure 4D

|                  |          |         |   |      |     |       |     |     |      |     |      |      |
|------------------|----------|---------|---|------|-----|-------|-----|-----|------|-----|------|------|
| X01060_at        | X01060   | cd71    | TFRC Transferrin receptor (p90, CD71)   | 26.3 | 8.9 | 13.7  | 0.3 | 2.6 | 0.5  | 1.2 | 4.9  | 8.6  |
| L22524_s_at      | L22524   | mmp7    | MATRILYSIN PRECURSOR  | 9.9  | 8.6 | 63.7  | 0   | 0   | 5.1  | 0.4 | 0.1  | 1.9  |
| X07820_at        | X07820   | mmp10   | MMP10 Matrix metalloproteinase 10 (stromelysin 2)   | 13.3 | 8.6 | 98.8  | 0.2 | 0   | 1.5  | 1.3 | 2.2  | 3.4  |
| U19557_s_at      | U19557   | scca2   | Squamous cell carcinoma antigen 2 (SCCA2) mRNA  | 17.5 | 8.2 | 24.2  | 0   | 0.6 | 1.5  | 0   | 0.1  | 0    |
| S81914_at        | S81914   | lex-1   | LEX-1   | 7.9  | 8.1 | 10    | 1.1 | 1.9 | 0    | 2.5 | 2.2  | 4.3  |
| M30894_at        | M30894   | tcrb    | TCRG T cell receptor gamma chain  | 6.8  | 8   | 40.3  | 0   | 0.7 | 3    | 1.8 | 0    | 1.4  |
| M93056_at        | M93056   | ei      | LEUKOCYTE ELASTASE INHIBITOR  | 23.4 | 8   | 30.8  | 3.7 | 1.8 | 0.7  | 1.6 | 4.8  | 10   |
| U43522_at        | U43522   | fak2    | Protein tyrosine kinase PYK2 mRNA   | 5.2  | 7.9 | 16.3  | 1   | 1.6 | 5.8  | 0   | 12.9 | 25.9 |
| M24069_at        | M24069   | csda    | DNA-BINDING PROTEIN A   | 14   | 7.8 | 12.1  | 0   | 0.8 | 0    | 0.3 | 0    | 0.1  |
| X01057_at        | X01057   | il2r    | IL2RA Interleukin 2 receptor, alpha   | 9.3  | 7.4 | 39.3  | 0   | 0.6 | 0.3  | 2.8 | 0.4  | 1.2  |
| D61391_at        | D61391   | prpsap1 | Phosphoribosylpyrophosphate synthetase-associated protein 39  | 2.1  | 7.3 | 6.4   | 0   | 0.7 | 0    | 0   | 0    | 2.8  |
| D88422_at        | D88422   | csta    | CYSTATIN A  | 12.8 | 7.1 | 6.5   | 3.8 | 1   | 1    | 2.2 | 0.5  | 0.5  |
| J04501_at        | J04501   | gys     | GYS1 Glycogen synthase 1 (muscle)   | 8.6  | 6.9 | 4.1   | 0   | 0.8 | 0    | 1.1 | 0.3  | 2.2  |
| K01383_at        | K01383   | mtla    | Metallothionein-1A gene, complete coding sequence   | 3.7  | 6.5 | 23.6  | 0.4 | 0.9 | 1.6  | 1.2 | 0.9  | 0    |
| D28235_s_at      | D28235   | cox2    | Cyclooxygenase-2 (hCox-2) gene  | 28.6 | 6.4 | 147.9 | 1.3 | 1.5 | 21.9 | 0.2 | 0.7  | 7.7  |
| U76421_at        | U76421   | adarb1  | DsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA  | 2.6  | 6.3 | 7.8   | 0   | 0   | 0    | 0   | 0.1  | 0.1  |
| U16720_rna1_s_at | U16720   | il10    | Interleukin 10 (IL10) gene  | 17.1 | 6.2 | 83.6  | 0   | 0.9 | 3.2  | 1.6 | 0.2  | 2.7  |
| AF001548_rn      | AF001548 | myh11   | 815A9.1 gene (myosin heavy chain) extracted from Homo sapiens chromosome 16 BAC clone C1987SK-815A9 complete sequence | 3.7  | 6.1 | 30.6  | 0.7 | 0.8 | 4.5  | 0.2 | 0.3  | 5.2  |
| D78156_at        | D78156   | gap1m   | RasGTPase activating protein, partial cds   | 7.2  | 5.9 | 3.6   | 0   | 0   | 0.8  | 0   | 0    | 0.6  |
| U42408_at        | U42408   | lad1    | Ladinin (LAD) mRNA  | 6.3  | 5.9 | 67.8  | 0.3 | 4.5 | 8.7  | 0.9 | 0.6  | 1.9  |
| X17648_at        | X17648   | gmcsfr  | GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR RECEPTOR ALPHA CHAIN PRECURSOR                                       | 6    | 5.9 | 12.9  | 0   | 1.9 | 0    | 0.5 | 0.9  | 8.4  |

Figure 4E

|             |        |           |  |      |     |       |     |     |      |     |      |      |
|-------------|--------|-----------|--|------|-----|-------|-----|-----|------|-----|------|------|
| U83115_at   | U83115 | aim1      | Non-lens beta gamma-crystallin like protein (AIM1) mRNA, partial cds                   | 8.1  | 5.4 | 19.3  | 1.4 | 1.4 | 0.7  | 1.7 | 0.5  | 4.8  |
| Z24725_at   | Z24725 |           | Mitogen inducible gene mig-2   | 4.8  | 5.2 | 17.8  | 0   | 0.4 | 6.2  | 0.1 | 0.9  | 1.8  |
| M31551_s_at | M31551 | pai2      | PAI2 Plasminogen activator inhibitor, type II (arginine-serpin)                        | 1.3  | 5.1 | 94.7  | 0   | 0   | 0    | 0   | 0    | 0    |
| X55740_at   | X55740 | nt5       | NT5 5' nucleotidase (CD73)   | 6.9  | 4.7 | 10.1  | 0.4 | 0   | 1.4  | 2.2 | 0.6  | 0.8  |
| M28983_at   | M28983 | il1a      | IL1A Interleukin 1, alpha  | 5.1  | 4.2 | 17.4  | 0.9 | 0.4 | 5.3  | 0.9 | 0    | 3.6  |
| D79984_s_at | D79984 | supt6h    | KIAA0162 gene  | 4.4  | 4.1 | 2.3   | 1.7 | 0.6 | 0    | 2.2 | 0.7  | 2.9  |
| U36601_at   | U36601 | ncst2     | Heparan N-deacetylase/N-sulfotransferase-2 mRNA  | 3.3  | 4.1 | 11.2  | 0   | 0.5 | 0    | 0   | 0    | 3.2  |
| U34877_at   | U34877 | blvra     | Biliverdin-IXalpha reductase mRNA  | 5    | 3.7 | 4.7   | 1   | 0.9 | 0    | 0.3 | 1.4  | 2.4  |
| U77180_at   | U77180 | mip3b/elc | EBI1-ligand chemokine  | 12.5 | 3.7 | 233.2 | 0.6 | 0   | 30.8 | 0.5 | 20.7 | 32.7 |
| M57506_rna1 | M57506 | i309      | SCYA1 gene (secreted protein I-309) extracted from Human secreted protein (I-309) gene | 2.3  | 3.1 | 91.6  | 0.3 | 0.6 | 4.6  | 0   | 0    | 1    |
| U07139_at   | U07139 |           | CAB3b mRNA for calcium channel beta3 subunit   | 2    | 2.9 | 5.3   | 0   | 0.1 | 4.6  | 0   | 0.3  | 0.2  |
| HG3494      | HG3494 |           |  |      |     |       |     |     |      |     |      |      |
| HT3688_at   | HT3688 | nfil6     | Nuclear Factor NF-IL6  | 11.4 | 2.8 | 3.1   | 8.9 | 1   | 0    | 2.6 | 1.6  | 2.9  |
| J03258_at   | J03258 | vdr       | VDR Vitamin D (1,25-dihydroxyvitamin D3) receptor                                      | 9.1  | 2.8 | 2.6   | 1.3 | 1.3 | 0    | 1.6 | 1.7  | 1.2  |
| X15306_rna1 | X15306 | nefh      | NF-H gene, exon 1 (and joined CDS)   | 8    | 2.8 | 36.6  | 0   | 1   | 0    | 2.3 | 1.3  | 0    |
| X95325_s_at | X95325 | csda      | DNA-BINDING PROTEIN A  | 37.7 | 2.7 | 7.2   | 1.7 | 1.1 | 0.5  | 1.7 | 1.7  | 0    |
| M13452_s_at | M13452 | cmd1a     | LMNA Lamin A   | 1.9  | 0.8 | 2.1   | 3.8 | 2   | 1.6  | 0.7 | 1.1  | 0.9  |

Figure 4F

| affyID            | GBA    | gene symbol | gene Name  | feco | heco | teco  | fpr8  | hpr8  | tpr8  | ican | mcan  | tcn   |
|-------------------|--------|-------------|--|------|------|-------|-------|-------|-------|------|-------|-------|
| M14660_at_        | M14660 | g10p2       | ISG-54K gene (interferon stimulated gene) encoding a 54 kDa protein, exon 2                              | 5.9  | 25   | 27.9  | 109   | 312.4 | 206   | 2    | 5     | 33.4  |
| X02530_at_        | X02530 | inp10       | INP10 Interferon (gamma)-induced cell line, protein 10 from  | 12.5 | 13.1 | 442.2 | 137.9 | 290.4 | 501.4 | 5.4  | 205.9 | 451.4 |
| U37518_at_        | U37518 | trail       | TNF-related apoptosis inducing ligand TRAIL mRNA   | 14.7 | 34.2 | 134.3 | 171.9 | 230.1 | 590.2 | 5.7  | 109.1 | 318.2 |
| U59286_at_        | U59286 | itac        | Beta-R1 mRNA, partial cds  | 34.9 | 27.6 | 237.9 | 201.6 | 207.8 | 340.8 | 3.8  | 74.4  | 389.7 |
| L40387_at_        | L40387 | oasl        | Thyroid receptor interactor (TRIP14) gene, 3' end of cds   | 4.6  | 7.5  | 43    | 105.3 | 185.2 | 124.5 | 1.7  | 0.4   | 13.6  |
| Y00451_s_at_      | Y00451 | alas1       | ALAS1 Aminolevulinate, delta-, synthase 1  | 17.8 | 8.2  | 14.6  | 62    | 53    | 23.9  | 1.2  | 12.2  | 7.7   |
| X72755_at_        | X72755 | mig         | Humig mRNA   | 3.2  | 5.2  | 68.3  | 59.4  | 52.3  | 58.6  | 1.6  | 77.5  | 128.6 |
| M62402_at_        | M62402 | igfbp6      | IGFBP6 Insulin-like growth factor binding protein 6  | 0    | 0.1  | 41.4  | 60.4  | 49.8  | 97.9  | 0    | 0     | 0.4   |
| J00210_rna1_at_   | J00210 | ifna13      | IFNA gene (interferon alpha-d) extracted from Human leukocyte interferon (IFN-alpha) alpha-d gene        | 0.1  | 0    | 0     | 40.5  | 48.5  | 192.3 | 0    | 0     | 0     |
| V00535_rna2_s_at_ | V00535 | ifnb1       | Interferon beta 1 gene extracted from Gene for human fibroblast interferon beta 1                        | 0.8  | 11.8 | 187.4 | 68.4  | 33.2  | 165.4 | 1.2  | 0     | 0     |
| J05037_at_        | J05037 | sds         | L-SERINE DEHYDRATASE   | 0    | 1    | 2.4   | 4.1   | 31.6  | 15.8  | 0.1  | 0     | 4.8   |
| M22976_at_        | M22976 | cyb5        | CYB5 Cytochrome b-5  | 2.9  | 4.2  | 2     | 5.5   | 30.2  | 4.6   | 1.7  | 2.1   | 5.6   |
| X94563_xpt2_r_at_ | X94563 |             | Exon 1b; used only in type 2 transcripts from H.sapiens dbi/acbp gene exon 1 & 2./ntype=DNA /annot=exon  | 14.2 | 3    | 3     | 4.6   | 29    | 3.8   | 0.8  | 0.5   | 1.1   |
| D90070_s_at_      | D90070 | pmaip1      | LRP1 ATL-derived PMA-responsive (APR) peptide  | 1.3  | 31   | 125.8 | 16.9  | 24.1  | 249.1 | 0    | 0.4   | 11.1  |
| U80073_at_        | U80073 | tap         | Tip associating protein (TAP) mRNA   | 2.3  | 1.5  | 6.1   | 19.7  | 21.8  | 31.1  | 0.1  | 2.6   | 7.6   |
| Z26248_s_at_      | Z26248 | prg2        | PRG2 Proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) | 0    | 1.2  | 1.1   | 2.3   | 21.3  | 9.7   | 0    | 0     | 0     |
| HG2724_           | HG2724 |             |  |      |      |       |       |       |       |      |       |       |
| HT2820_at_        | HT2820 |             | Oncogene Tis/Chop, Fusion Activated  | 0    | 0    | 20    | 18.8  | 19.3  | 89.6  | 0    | 0.6   | 101.1 |
| U09278_at_        | U09278 | fap         | Fibroblast activation protein mRNA   | 0    | 0    | 0     | 14.8  | 17.9  | 67.4  | 0    | 0     | 0     |

Figure 5A

[illegible]

Figure 5B

|              |        |       |  |     |     |     |      |     |       |     |     |     |
|--------------|--------|-------|--|-----|-----|-----|------|-----|-------|-----|-----|-----|
| X96719_at_   | X96719 | aicl  | AICL (activation-induced C-type lectin)  | 0   | 1.7 | 0   | 4.9  | 5.9 | 5.9   | 0.5 | 0.9 | 9.8 |
| X13839_at_   | X13839 | acta2 | ACTIN, AORTIC SMOOTH MUSCLE (ALPHA-ACTIN 2)  | 0.1 | 0.7 | 1.2 | 7.5  | 5.8 | 5.6   | 0   | 5.4 | 3.4 |
| J04111_at_   | J04111 | jun   | C-jun proto oncogene (JUN), clone hCJ-1  | 2.2 | 4.2 | 2.4 | 19.1 | 5.6 | 13.4  | 1.6 | 0.5 | 4   |
| Z14978_at_   | Z14978 |       | ALPHA-CENTRACTIN   | 0.5 | 0.6 | 0   | 1.1  | 5.1 | 5.6   | 0   | 0   | 0   |
| D42040_s_at_ | D42040 | ring3 | RING3 PROTEIN  | 1.3 | 1.7 | 1.8 | 7.3  | 5   | 7     | 1.4 | 2.1 | 2.7 |
| Y10032_at_   | Y10032 | sgk   | Putative serine/threonine protein kinase   | 0   | 0   | 1.6 | 2.5  | 4.9 | 5.4   | 0.8 | 0   | 0.1 |
| M63438_s_at_ | M63438 |       | GLUL Glutamate-ammonia ligase (glutamine synthase)                                     | 1.6 | 0.2 | 0.2 | 2.6  | 4.6 | 137.4 | 0   | 0   | 1.2 |
| X92106_at_   | X92106 | blmh  | Bleomycin hydrolase  | 1   | 1.4 | 0   | 1.6  | 4.5 | 5.5   | 0.3 | 1.4 | 0   |
| S68271_s_at_ | S68271 | crem  | CREM CAMP responsive element modulator   | 1.1 | 0.9 | 4.2 | 12.6 | 4.2 | 18.2  | 1.1 | 0.9 | 3.8 |
| M63838_s_at_ | M63838 | ifi16 | Interferon-gamma induced protein (IFI16) gene  | 0   | 0.4 | 0   | 2.6  | 4   | 4     | 0.1 | 0.1 | 2.8 |
| D28423_at_   | D28423 |       | Pre-mRNA splicing factor Srp20, 5'UTR (sequence from the 5'cap to the start codon)     | 0   | 0   | 0.9 | 7.5  | 3.7 | 4     | 0.2 | 1.1 | 0.7 |
| U04285_s_at_ | U04285 | lipa  | LIPA Lipase A, lysosomal acid, cholesterol esterase                                    | 0   | 0.5 | 1   | 1.9  | 3.7 | 1.9   | 2   | 0   | 1.1 |
| U32680_at_   | U32680 | bts   | CLN3 Ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-vogt disease)     | 2.5 | 0.8 | 2.1 | 10.1 | 2.1 | 7.3   | 0.1 | 0.6 | 2.7 |
| U94592_at_   | U94592 | ucp2  | Uncoupling protein homolog (UCPH) mRNA   | 0   | 0.7 | 0   | 0.5  | 1.5 | 0     | 0.1 | 0.2 | 0   |
| U50733_at_   | U50733 |       | Dynamitin mRNA   | 1.1 | 1.9 | 1.7 | 1.2  | 0.4 | 0     | 1.7 | 0   | 0.4 |
| S80437_s_at_ | S80437 |       | Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt] | 0.4 | 0   | 0   | 0    | 0   | 0     | 0.7 | 1.3 | 0.2 |

Figure 5C



| affyID      | GBA    | gene symbol | gene Name  | feco   | heco   | teco   | fpr8  | hpr8  | tp8   | ican  | mcan  | tcan  |
|-------------|--------|-------------|--|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| V00594_at   | V00594 | mt2a        | Metallothionein isoform 2  | 1683.1 | 1698.4 | 143.4  | 371.1 | 414.5 | 107.8 | 3.3   | 261   | 74.2  |
| X64177_f_at | X64177 | mt1h        | Metallothionein  | 761.9  | 728.2  | 93.6   | 73.7  | 66.9  | 27.4  | 10.4  | 27.4  | 14.9  |
| M21121_at   | M21121 | rantes      | SCYA5 Small inducible cytokine A5 (RANTES)   | 728.7  | 661.7  | 83.4   | 717   | 396.6 | 115.3 | 113.6 | 87.4  | 43.7  |
| X04500_at   | X04500 | il1b        | IL1B Interleukin 1, beta   | 199.3  | 598.3  | 184.4  | 9.1   | 12.6  | 20.2  | 24    | 11.1  | 48.7  |
| M13755_at   | M13755 | isg15       | G1P2 Interferon, alpha-inducible protein (clone IFI-15K)                                     | 214.1  | 545.6  | 57.4   | 253   | 662   | 100.2 | 302.7 | 208.8 | 34.3  |
| X04602_s_at | X04602 | il6         | IL6 Interleukin 6 (B cell stimulatory factor 2)  | 408.5  | 379.2  | 1267.5 | 70.5  | 76.5  | 269.4 | 14.6  | 43    | 111   |
| U33017_at   | U33017 | slam        | Signaling lymphocytic activation molecule (SLAM) mRNA  | 320.7  | 343.9  | 685.7  | 4.8   | 25.8  | 3     | 2.7   | 24.4  | 84.5  |
| V00594_s_at | V00594 | mt2a        | Metallothionein isoform 2  | 167.1  | 337.3  | 15     | 64.9  | 122.8 | 34.8  | 69.4  | 52.2  | 9.4   |
| Y00787_s_at | Y00787 | il8         | INTERLEUKIN-8 PRECURSOR  | 89.1   | 234.5  | 40.9   | 9.8   | 13.1  | 8.4   | 8.2   | 10.8  | 10.5  |
| X57579_s_at | X57579 | activinb    | Activin beta-A subunit (exon 2)  | 166.9  | 233.7  | 47.2   | 22.8  | 16.8  | 9.4   | 14.1  | 19.3  | 24.6  |
| X02910_at   | X02910 | tnfa        | TNF Tumor necrosis factor  | 144.1  | 225.5  | 115.7  | 73.8  | 58.6  | 48.5  | 27.2  | 81.1  | 43.2  |
| L11329_at   | L11329 | dusp2       | DUAL SPECIFICITY PROTEIN PHOSPHATASE PAC-1   | 52.1   | 177.6  | 16.1   | 16.2  | 14.7  | 2.4   | 7.9   | 1.4   | 2.9   |
| M33882_at   | M33882 | mx1         | MX1 Myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78) | 61.1   | 166.8  | 84.7   | 90.3  | 152.2 | 89.8  | 34    | 397.3 | 102   |
| M31165_at   | M31165 | tnfaip6     | TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR                                      | 172.2  | 163.5  | 624.1  | 60.6  | 100.2 | 101.8 | 7.1   | 5.6   | 58.6  |
| M59465_at   | M59465 | a20         | TNFAIP1 Tumor necrosis factor alpha inducible protein A20                                    | 87     | 158.7  | 41.1   | 65.3  | 73.5  | 22.9  | 7.6   | 5.9   | 9.6   |
| L19779_at   | L19779 | h2a         | Histone H2A.2 mRNA   | 53.2   | 154    | 83.4   | 40.2  | 122.8 | 65.8  | 7.9   | 10.8  | 33.4  |
| X65965_s_at | X65965 | sod2        | SOD-2 gene for manganese superoxide dismutase  | 233.7  | 149.2  | 204    | 143.7 | 86.3  | 86.3  | 10.6  | 35.9  | 109.3 |
| X67325_at   | X67325 | ifi27       | INTERFERON-ALPHA INDUCED 11.5 KD PROTEIN   | 136.8  | 143.4  | 618.8  | 265.8 | 192.2 | 498.1 | 50    | 212.1 | 604.2 |

Figure 6A

|             |        |        |   |       |       |       |       |      |       |      |       |       |
|-------------|--------|--------|---|-------|-------|-------|-------|------|-------|------|-------|-------|
| U53830_at   | U53830 | irf7   | Interferon regulatory factor 7 (humirf7) mRNA   | 42.6  | 130   | 46    | 38.8  | 72.5 | 49.2  | 51.4 | 43.1  | 47.5  |
| M23178_s_at | M23178 | mip1a  | MACROPHAGE INFLAMMATORY PROTEIN 1-<br>ALPHA PRECURSOR   | 73.8  | 125   | 11.4  | 52.8  | 73.8 | 8.5   | 7.4  | 9.6   | 6.3   |
| U04636_rna1 | U04636 | cox2   | Cyclooxygenase-2 (hCox-2) gene  | 110   | 120.8 | 608.6 | 15.3  | 13.8 | 87.4  | 5    | 4.7   | 54.9  |
| X07834_at   | X07834 | sod2   | SOD2 Superoxide dismutase 2, mitochondrial  | 57.7  | 104.1 | 240.9 | 34.7  | 92.1 | 91.6  | 9.9  | 17    | 116.5 |
| U29680_at   | U29680 | bcl2a1 | Bcl-2 related (Bfl-1) mRNA  | 105.3 | 97.9  | 678.7 | 40.7  | 35.7 | 117.5 | 4    | 8.3   | 179.1 |
| M31166_at   | M31166 | ptx3   | PTX3 Pentaxin-related gene, rapidly induced<br>by IL-1 beta   | 82.7  | 88.9  | 807.3 | 21    | 27.2 | 122.2 | 5.2  | 2.5   | 20.9  |
| L31584_at   | L31584 | ccr7   | CMKBR7 Chemokine (C-C) receptor 7   | 58.1  | 87.3  | 98.2  | 23.3  | 69.6 | 83.5  | 26.5 | 11    | 56.3  |
| X57351_s_at | X57351 | ifitm2 | RPS3 Ribosomal protein S3 / wrong name  | 13    | 84.2  | 13.1  | 15.3  | 81.7 | 30.3  | 55.9 | 20.8  | 7.5   |
| U15932_at   | U15932 | dup5   | Protein tyrosine phosphatase mRNA   | 57    | 76.5  | 44.5  | 9.8   | 11.1 | 8.8   | 2.4  | 4.4   | 13.4  |
| M30818_at   | M30818 | mx2    | MX2 Myxovirus (influenza) resistance 2,<br>homolog of murine  | 21    | 74.4  | 42.6  | 40.9  | 82.3 | 50.4  | 19.8 | 39.4  | 43.2  |
| M24594_at   | M24594 | g10p1  | IF156 Interferon-induced protein 56   | 19.8  | 71.6  | 77.5  | 90.8  | 266  | 141.1 | 18.6 | 248.6 | 89.6  |
| U22970_s_at | U22970 | g1p3   | 6-16 gene (interferon-inducible peptide<br>precursor) extracted from Human interferon-<br>inducible peptide (6-16) gene | 115.3 | 68.2  | 5.8   | 70.6  | 97.1 | 13.7  | 13.1 | 15.6  | 5.5   |
| X59892_at   | X59892 | wars   | TRYPTOPHANYL-TRNA SYNTHETASE  | 40.2  | 66.9  | 32.5  | 56.1  | 59.5 | 25.2  | 12.8 | 18    | 20.2  |
| L15702_at   | L15702 | bf     | BF B-factor, properdin  | 46.3  | 64.4  | 85.6  | 3.3   | 7.9  | 7.8   | 5.4  | 6.5   | 33.8  |
| U72882_s_at | U72882 | ifi35  | Interferon-induced leucine zipper protein<br>(IFP35) mRNA, partial cds  | 23.2  | 58.9  | 39.5  | 22    | 26.7 | 21.2  | 20.3 | 29.3  | 52.5  |
| J04164_at   | J04164 | ifi17  | RPS3 Ribosomal protein S3 /wrong name   | 25.8  | 57.2  | 37.7  | 34.5  | 45.6 | 79.3  | 11.5 | 60.3  | 35.1  |
| X99886_s_at | X99886 | mcp2   | MCP-2 gene  | 51.9  | 51    | 26.3  | 42.9  | 82.6 | 47.9  | 4.8  | 23.8  | 79.5  |
| U37546_s_at | U37546 | ciap2  | IAP homolog C (MIHC) mRNA   | 54.1  | 48.6  | 62.2  | 5.3   | 3.7  | 31.5  | 22.7 | 34    | 55.9  |
| M69203_s_at | M69203 | mip1b  | SCYA4 Small inducible cytokine A4<br>(homologous to mouse Mip-1b)   | 164.9 | 44.6  | 19.3  | 372.7 | 82   | 10.5  | 4.6  | 30.1  | 11.6  |
| U88964_at   | U88964 | hem45  | HEM45 mRNA  | 34.6  | 43.7  | 191   | 27.2  | 15.5 | 73.3  | 8.8  | 43.4  | 116.1 |
| X57522_at   | X57522 | tap1   | TAP1 Transporter 1, ABC (ATP binding<br>cassette)   | 34.3  | 42.3  | 48.3  | 76.1  | 53.3 | 47.7  | 11.6 | 31.7  | 41.3  |

Figure 6B

|                  |        |           |   |       |      |       |       |       |       |      |       |       |
|------------------|--------|-----------|---|-------|------|-------|-------|-------|-------|------|-------|-------|
| J04130_s_at      | J04130 | mip1b     | SCYA4 Small inducible cytokine A4 (homologous to mouse Mip.1b)            | 81.9  | 42.2 | 5.7   | 70.3  | 51.6  | 6.5   | 9.9  | 4.6   | 2.9   |
| M92357_at        | M92357 | tnfaip2   | B94 PROTEIN   | 29.6  | 39.7 | 104.2 | 20.5  | 31.8  | 34    | 3    | 13.9  | 28.7  |
| X77584_at        | X77584 | txn       | TXN Thioredoxin   | 22.4  | 39.5 | 5.2   | 16.8  | 18.4  | 7.9   | 3.8  | 8     | 2.5   |
| U12767_at        | U12767 | minor     | Mitogen induced nuclear orphan receptor (MINOR) mRNA                      | 49.2  | 39.4 | 17.1  | 37.8  | 19.7  | 13.7  | 24.6 | 17.3  | 15.7  |
| U52513_at        | U52513 | ifit4     | RIG-G mRNA  | 25.1  | 39.3 | 96.2  | 92.1  | 84.6  | 98    | 13.2 | 39.1  | 94.7  |
| M72885_rna1_s_at | M72885 | GOS2      | GOS2 gene extracted from Human GOS2 gene, 5' flank and cds                | 126.1 | 38   | 44.9  | 10.8  | 6.2   | 5.3   | 10.4 | 11.3  | 18.7  |
| L40379_at        | L40379 | trip10    | Thyroid receptor interactor (TRIP10) mRNA, 3' end of cds                  | 34.8  | 37.1 | 33    | 5.3   | 5.5   | 7.6   | 22.2 | 8.9   | 13.5  |
| M29696_at        | M29696 | il7r      | IL7R Interleukin 7 receptor   | 61.7  | 36.8 | 55.8  | 27.5  | 13.7  | 15    | 9    | 11.5  | 23.2  |
| D38128_at        | D38128 | ptgir     | PTGIR Prostaglandin I2 (prostacyclin) receptor (IP)                       | 29.8  | 34.8 | 71.9  | 7.9   | 2.2   | 16.2  | 11   | 2.1   | 65.6  |
| U37518_at        | U37518 | trail     | TNF-related apoptosis inducing ligand TRAIL mRNA                          | 14.7  | 34.2 | 134.3 | 171.9 | 230.1 | 590.2 | 5.7  | 109.1 | 318.2 |
| M13690_s_at      | M13690 | c1nh      | C1NH Complement component 1 inhibitor (angioedema, hereditary)            | 16.9  | 34.1 | 209.8 | 13.8  | 12.6  | 86.2  | 6.6  | 30.1  | 358.9 |
| M24283_at        | M24283 | icam1     | ICAM1 Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor | 70.6  | 32.4 | 20.7  | 28    | 11.1  | 3.4   | 9.5  | 6     | 9.3   |
| U72661_at        | U72661 | nin1      | Ninjurin1 mRNA  | 43.8  | 31.1 | 48.8  | 22    | 17    | 7.4   | 2.6  | 9.6   | 30.3  |
| HG1612           | HG1612 | macmarcks | Macmarcks   | 19.2  | 30   | 44.7  | 11.5  | 30.2  | 16.9  | 3.4  | 11.8  | 15.6  |
| X02875_s_at      | X02875 | oas1      | OAS (2'5') oligoadenylate synthetase                                      | 16.7  | 30   | 48.7  | 41.5  | 52.8  | 117.7 | 4.2  | 20.5  | 80.4  |
| D28915_at        | D28915 | mtap44    | Hepatitis C-associated microtubular aggregate protein p44                 | 8.5   | 29.6 | 53.6  | 10.7  | 47.1  | 44.3  | 13.3 | 15.5  | 48    |
| U48807_at        | U48807 | dup4      | Dual specific protein phosphatase mRNA                                    | 5.6   | 29.6 | 7.4   | 2.4   | 3.1   | 9.8   | 9.7  | 2.6   | 21.7  |
| U03891_at        | U03891 | unknown   | Phorbol-1 mRNA, partial cds   | 43.8  | 28.9 | 21.9  | 189.3 | 58.3  | 23.3  | 4.4  | 9.6   | 39.3  |
| U50648_s_at      | U50648 | pkp       | Interferon-inducible RNA-dependent protein kinase (PKR) gene              | 19.8  | 28.4 | 22.3  | 17.8  | 9.3   | 22.1  | 40.1 | 24.8  | 19.1  |
| D30755_at        | D30755 | NAF1      | VIM Vimentin  | 56.3  | 28.2 | 19.6  | 19.9  | 4.9   | 5.9   | 14.1 | 5.3   | 7.9   |
| U59286_at        | U59286 | itac      | Beta-R1 mRNA, partial cds   | 34.9  | 27.6 | 237.9 | 201.6 | 207.8 | 340.8 | 3.8  | 74.4  | 389.7 |
| U03057_at        | U03057 | snl       | Actin bundling protein mRNA   | 59.8  | 27.5 | 8.4   | 4.1   | 10.4  | 14.1  | 32   | 13.4  | 2.3   |

Figure 6C

|                  |        |          |   |      |      |      |      |       |      |      |      |      |
|------------------|--------|----------|---|------|------|------|------|-------|------|------|------|------|
| U09937_rna1_s_at | U09937 | plaur    | Urokinase-type plasminogen activator receptor gene extracted from Human     | 17   | 26.9 | 14.5 | 12.5 | 10.7  | 2.4  | 3    | 3.5  | 3.7  |
| X61123_at        | X61123 | big1     | BTG1 B-cell translocation gene 1, anti-proliferative                        | 30.4 | 26.8 | 14.4 | 8.4  | 4.6   | 4.4  | 3.6  | 7.4  | 9.7  |
| X53296_s_at      | X53296 | il1rm    | IL1RN Interleukin 1 receptor antagonist                                     | 65.5 | 26.4 | 6.9  | 28.7 | 14.4  | 4.6  | 4.3  | 7.7  | 4    |
| S59049_at        | S59049 | ier1     | RGS1 Regulator of G-protein signalling 1                                    | 4.5  | 25.9 | 15.9 | 2.2  | 5.8   | 9.1  | 6.6  | 10.8 | 34   |
| M14660_at        | M14660 | g10p2    | ISG-54K gene (interferon stimulated gene) encoding a 54 kDA protein, exon 2 | 5.9  | 25   | 27.9 | 109  | 312.4 | 206  | 2    | 5    | 33.4 |
| L05072_s_at      | L05072 | irf1     | IRF1 Interferon regulatory factor 1   | 48.2 | 24.5 | 63   | 63.7 | 38.2  | 29.4 | 3.4  | 34.5 | 50.5 |
| M16750_s_at      | M16750 | pim1     | PIM1 Pim-1 oncogene   | 28.7 | 21.8 | 41.8 | 4.2  | 3.7   | 9.4  | 3    | 5.9  | 8.2  |
| X66401_cds1_at   | X66401 | tap2     | LMP2 gene extracted from H.sapiens genes TAP1, TAP2, LMP2, LMP7 and DOB     | 30.6 | 20.6 | 32.4 | 12.9 | 9.6   | 6.3  | 6.1  | 23.6 | 31.9 |
| D14874_at        | D14874 | adm      | ADM Adrenomedullin  | 18   | 20.1 | 46.2 | 3.4  | 4.5   | 10.4 | 2.5  | 5.2  | 16.1 |
| M69043_at        | M69043 | ikba     | MAJOR HISTOCOMPATIBILITY COMPLEX ENHANCER-BINDING PROTEIN MAD3              | 23.9 | 19.6 | 11   | 14.8 | 9.5   | 4.7  | 4.3  | 3.7  | 4.8  |
| L13210_at        | L13210 | mac2bp   | Mac-2 binding protein mRNA  | 6    | 19.5 | 21   | 5.6  | 3.5   | 11.5 | 27.3 | 11.8 | 32.5 |
| L06797_s_at      | L06797 | cxcr4    | PROBABLE G PROTEIN-COUPLED RECEPTOR LCR1 HOMOLOG                            | 12.7 | 19.2 | 30.6 | 8.8  | 7.9   | 19   | 14.9 | 4.1  | 30.7 |
| D42073_at        | D42073 | rcn1     | Reticulocalbin  | 5.7  | 18.4 | 61.3 | 10   | 7.5   | 13.7 | 9.2  | 2.1  | 41.5 |
| D50663_at        | D50663 | tctel1   | CW.1 mRNA   | 23.1 | 17.9 | 33.6 | 16.9 | 13.3  | 15.1 | 5.1  | 13.5 | 30.8 |
| D45248_at        | D45248 | pa28b    | Proteasome activator hPA28 subunit beta                                     | 13.1 | 17.2 | 6.2  | 17.1 | 8.2   | 5.7  | 34.3 | 17.3 | 5.5  |
| M55543_at        | M55543 | GBP2     | INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 2                              | 30.7 | 16.1 | 47.1 | 11.4 | 3.5   | 6.1  | 7.5  | 19.1 | 23.5 |
| M31724_at        | M31724 | ptp1b    | PTPN1 Tyrosine phosphatase 1  | 14.7 | 15.8 | 16.2 | 6.7  | 8.1   | 4.1  | 4.6  | 3.5  | 7.3  |
| U19261_at        | U19261 | traf1    | Epstein-Barr virus-induced protein mRNA                                     | 25.7 | 15.4 | 25.2 | 8    | 12.7  | 6    | 5.8  | 9.5  | 8.1  |
| HG544            | HG544  | ecgf     | Endothelial Cell Growth Factor 1  | 5.9  | 15.3 | 4.8  | 10.4 | 5.2   | 2.1  | 26.7 | 16.5 | 7    |
| HT544            | HT544  | faci2    | FACI1 Long chain fatty acid acyl-coA ligase                                 | 24.7 | 15.2 | 26.2 | 13.5 | 5.9   | 12.4 | 2.2  | 4.4  | 24.1 |
| D10040_at        | D10040 |          | Variant urokinase plasminogen activator receptor (uPAR2) mRNA, partial cds  | 1.6  | 15   | 7.3  | 1.6  | 4.2   | 2.8  | 1.5  | 5.4  | 5.1  |
| X74039_at        | X74039 | plaur    |   | 24.8 | 14.1 | 27.1 | 7.1  | 3.1   | 4.5  | 8.3  | 8.6  | 19   |
| D42043_at        | D42043 | KIAA0084 | KIAA0084 gene, partial cds  |      |      |      |      |       |      |      |      |      |

Figure 6D

| U00672_at_      | U00672   | il10ra  | IL10R Interleukin 10 receptor  | 9.2  | 14.1 | 9.1   | 10.6  | 15    | 9.5   | 4.2  | 5.9   | 5.1   |
|-----------------|----------|---------|--|------|------|-------|-------|-------|-------|------|-------|-------|
| D13146_cds1_at_ | D13146   |         | 2',3'-cyclic-nucleotide 3'-phosphodiesterase gene extracted from Human 2',3'-cyclic-nucleotide 3'-phosphodiesterase gene   | 15.9 | 13.4 | 25.3  | 6.2   | 4.4   | 10.1  | 5.6  | 3.8   | 11.2  |
| U83461_at_      | U83461   | cnp     | Putative copper uptake protein (hCTR2) mRNA  | 3.6  | 13.4 | 19.1  | 2.9   | 10.1  | 12    | 5    | 4.7   | 22.6  |
| AB000115_at_    | AB000115 | unknown | mRNA   | 9.8  | 13.1 | 24.9  | 8.4   | 26.9  | 28.7  | 3.4  | 6.1   | 37.6  |
| X02530_at_      | X02530   | inp10   | INP10 Interferon (gamma)-induced cell line; protein 10 from  | 12.5 | 13.1 | 442.2 | 137.9 | 290.4 | 501.4 | 5.4  | 205.9 | 451.4 |
| J04080_at_      | J04080   | c1s     | C1s Complement component 1, s subcomponent   | 4.2  | 12.6 | 61.6  | 5.6   | 8.9   | 31.4  | 3.7  | 6.4   | 18.9  |
| M55067_at_      | M55067   | ncf1    | NCf1 47 kD autosomal chronic granulomatous disease protein   | 2.5  | 12.6 | 24.2  | 19.1  | 28.5  | 22.1  | 4.4  | 9.8   | 17.2  |
| Z11697_at_      | Z11697   | cd83    | CD83 ANTIGEN PRECURSOR   | 18.7 | 12.6 | 9.8   | 19.6  | 9.5   | 6     | 4.1  | 10.4  | 7.2   |
| M97936_at_      | M97936   | stat1   | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA  | 7.4  | 11.4 | 16.9  | 13.4  | 7.7   | 11.4  | 48.3 | 40    | 28.5  |
| U44975_at_      | U44975   | bed1    | DNA-binding protein GPBP (GPBP) mRNA, partial cds  | 2.4  | 11.3 | 6.8   | 3.7   | 7.1   | 7.8   | 1.5  | 4.2   | 5.3   |
| L08069_at_      | L08069   | hsp4    | DNAJ PROTEIN HOMOLOG 2   | 12.8 | 11.1 | 12.7  | 10.9  | 20.7  | 9.7   | 1.7  | 3.9   | 8.8   |
| U03105_at_      | U03105   | b4-2    | B4-2 protein mRNA  | 29.4 | 10.7 | 8.2   | 11.4  | 5.7   | 5     | 6.4  | 2.6   | 3.1   |
| U76764_s_at_    | U76764   | cd97    | CD97 CD97 antigen (leucocyte antigen)  | 14.8 | 10.7 | 3.4   | 14.5  | 2.8   | 2.3   | 1.7  | 2.3   | 7.5   |
| X69910_at_      | X69910   | p63     | P63 mRNA for transmembrane protein   | 5.8  | 10.1 | 26.4  | 4.1   | 2.3   | 9.7   | 3.9  | 6.4   | 29.3  |
| D79206_s_at_    | D79206   | sdca    | SDCA Syndecan 4 (amphiglycan, ryudocan)  | 6.3  | 9.9  | 21.1  | 15.2  | 11.2  | 10.2  | 2.7  | 2.7   | 6     |
| L22342_at_      | L22342   | unknown | Nuclear phosphoprotein mRNA  | 3.8  | 9.7  | 11.4  | 4.1   | 6.1   | 7     | 11.5 | 12.2  | 21.7  |
| AF014958_at_    | AF014958 | ccr6    | Chemokine receptor X (CCR6) mRNA   | 3.6  | 9.2  | 36.3  | 3.7   | 5.3   | 6.6   | 5.1  | 4.3   | 10    |
| Z14982_ma1_at_  | Z14982   | imp7    | MHC-encoded proteasome subunit gene LAMP7-E1 gene (proteasome subunit LMP7) extracted from H.sapiens gene for major histocompatibility complex encoded proteasome subunit LMP7 | 3.6  | 9.2  | 9.4   | 4.2   | 8.7   | 9.8   | 5.1  | 2.9   | 13.9  |

Figure 6E

|                    |               |           |   |      |     |      |      |      |      |      |      |      |
|--------------------|---------------|-----------|---|------|-----|------|------|------|------|------|------|------|
| D28137_at          | D28137        | bst2      | BONE MARROW STROMAL ANTIGEN 2 (BST-2)                           | 5    | 9.1 | 12.9 | 11   | 9    | 14.9 | 7.9  | 6.2  | 27.8 |
| M31627_at          | M31627        | xbp1      | X BOX BINDING PROTEIN 1   | 4.4  | 9   | 15.4 | 16.7 | 20.6 | 27.1 | 3.2  | 3.1  | 4.6  |
| M79462_at          | M79462        | myl       | PML Probable transcription factor PML {alternative products}    | 3.1  | 8.9 | 6.2  | 2.7  | 6.7  | 6.2  | 3.3  | 3.8  | 6.8  |
| M62324_at          | M62324        | mrf.1     | Modulator recognition factor 1 (MRF-1) mRNA, 3' end             | 4.8  | 8.6 | 10.2 | 7.9  | 6.1  | 14.3 | 1.8  | 3.4  | 6.2  |
| M87434_at          | M87434        | oas2      | 69771 KD  | 11.8 | 8.6 | 21.2 | 15.4 | 33.1 | 16.5 | 2.5  | 5.3  | 17.5 |
| X17093_at          | X17093        | hla-cda12 | HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, F ALPHA CHAIN PRECURSOR | 12.7 | 8.4 | 5.2  | 5.3  | 1.8  | 4.3  | 21.8 | 12.4 | 2.8  |
| L07633_at          | L07633        | pa28a     | INTERFERON GAMMA UP-REGULATED 1-5111 PROTEIN PRECURSOR          | 5.1  | 8.1 | 13.1 | 5    | 4.4  | 6.6  | 2.3  | 4.3  | 20.1 |
| M97935_s_at        | M97935        | stat1     | SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1-ALPHA/BETA   | 4.1  | 7.9 | 10.5 | 2.5  | 5.3  | 12.2 | 9.8  | 17.2 | 36.7 |
| U20158_at          | U20158        | lcp2      | 76 kDa tyrosine phosphoprotein SLP-76 mRNA                      | 3.7  | 7.8 | 8.6  | 8    | 12.6 | 3.4  | 3    | 2.3  | 3.3  |
| HG2917 HT3061_f_at | HG2917 HT3061 | hla       | Major Histocompatibility Complex, Class I, E (Gb:M21533)        | 5.7  | 7.6 | 9.2  | 5.3  | 5.3  | 3    | 2.5  | 3.9  | 6.2  |
| M79463_s_at        | M79463        | myl       | PML Probable transcription factor PML {alternative products}    | 5.8  | 7.6 | 13.3 | 2    | 4.2  | 4.1  | 7.1  | 5.9  | 11.1 |
| U22662_at          | U22662        | lxra      | Nuclear orphan receptor LXR-alpha mRNA                          | 1.5  | 7.3 | 9.6  | 34.8 | 11.4 | 9.4  | 8.4  | 3.1  | 10.9 |
| U70451_at          | U70451        | myd88     | Myeloid differentiation primary response protein MyD88 mRNA     | 2.2  | 7   | 2.8  | 6.3  | 17.2 | 7.1  | 1.6  | 2.4  | 7.1  |
| X82200_at          | X82200        | staf50    | Stat50 mRNA   | 10   | 7   | 13.1 | 7.8  | 15.4 | 16.7 | 2.1  | 3.1  | 18.1 |
| HG2915 HT3059_f_at | HG2915 HT3059 | hla       | Major Histocompatibility Complex, Class I, E (Gb:M20022)        | 6.1  | 6.3 | 8.8  | 5.8  | 4.2  | 2.8  | 1.8  | 3.6  | 5.6  |
| S74017_at          | S74017        | nrf2      | Nrf2  | 3.8  | 6.3 | 3.7  | 3    | 2.8  | 1.8  | 3.1  | 2.8  | 1.9  |
| Z35278_at          | Z35278        | aml2      | PEBP2aC1 acute myeloid leukaemia mRNA                           | 14.3 | 6.1 | 22.1 | 15.8 | 3.3  | 23.4 | 7.6  | 4.2  | 19.6 |
| U32849_at          | U32849        | nmi       | Hou mRNA  | 5.2  | 6   | 16.1 | 10.4 | 10.5 | 24.4 | 2.7  | 12.3 | 23.9 |
| HG3597 HT3800_f_at | HG3597 HT3800 | hla       | Major Histocompatibility Complex, Class I (Gb:X12432)           | 7    | 5.8 | 3.3  | 6.5  | 2.3  | 3.6  | 4    | 4.3  | 1.6  |

Figure 6F

|             |          |          |  |      |     |      |      |      |      |     |      |       |
|-------------|----------|----------|--|------|-----|------|------|------|------|-----|------|-------|
| M16038_at   | M16038   | lyn      | LYN V-yes-1 Yamaguchi sarcoma viral related oncogene homolog | 7.9  | 5.6 | 9.1  | 11.6 | 6.7  | 5    | 1.6 | 4.7  | 7.1   |
| D32129_f_at | D32129   | hla-a    | HLA-A MHC class I protein HLA-A (HLA-A28, B40, Cw3)          | 8.5  | 5.5 | 7.4  | 5.7  | 3.1  | 6.9  | 2.5 | 3.7  | 3.4   |
| U59863_at   | U59863   | itraf    | TRAF-interacting protein 1-TRAF mRNA                         | 1.3  | 5.5 | 4.5  | 4.7  | 7.1  | 7.7  | 2.1 | 4.9  | 5.9   |
| HG4322_at   | HG4322   | tubulinB | Tubulin, Beta  | 18.5 | 5.3 | 13.1 | 9.4  | 3.2  | 6.8  | 5   | 8.9  | 11    |
| U40369_rna1 | U40369   | sat      | Spermidine/spermine N1-acetyltransferase (SSAT) gene         | 9.1  | 5.3 | 12.1 | 10.6 | 4.8  | 9.8  | 6.3 | 4.1  | 8.1   |
| M62403_s_at | M62403   | igfbp4   | IGFBP4 Insulin-like growth factor-binding protein 4          | 15.9 | 5.2 | 32.7 | 61.8 | 17.5 | 37.9 | 6.8 | 9.1  | 104.6 |
| X72755_at   | X72755   | mig      | Humig mRNA   | 3.2  | 5.2 | 68.3 | 59.4 | 52.3 | 58.6 | 1.6 | 77.5 | 128.6 |
| U67319_at   | U67319   | casp7    | Mch3 isoform alpha (Mch3) mRNA                               | 1.9  | 4.7 | 12.2 | 3.5  | 2.9  | 6.1  | 3.1 | 6.3  | 13.2  |
| D00763_at   | D00763   | psma4    | GAPD Glyceraldehyde-3-phosphate dehydrogenase                | 6.1  | 4.5 | 3    | 10.5 | 4.3  | 6    | 7   | 11.2 | 3.7   |
| D90209_at   | D90209   | atf4     | ATF4 CAMP-dependent transcription factor ATF-4 (CREB2)       | 4.5  | 3.8 | 10.5 | 6.2  | 1.7  | 5.4  | 1.8 | 5.1  | 8.4   |
| U48296_at   | U48296   | ptp4a1   | Protein tyrosine phosphatase PTPCAAX1 (hPTCAAX1) mRNA        | 2.4  | 3.7 | 14   | 2.8  | 3.2  | 14.7 | 2   | 2.3  | 6.9   |
| D10522_at   | D10522   | macs     | MACS Myristoylated alanine-rich C-kinase substrate           | 4    | 3.2 | 10.3 | 4.7  | 1.9  | 2.9  | 2.3 | 3.2  | 5.1   |
| Z49107_s_at | Z49107   | lgals9   | Galectin   | 6.1  | 3.1 | 2.6  | 17.1 | 12.1 | 3.7  | 2.7 | 5.7  | 4.6   |
| HG4297_at   | HG4297   | TCPC4    | Transcriptional Coactivator Pc4                              | 2.6  | 2.7 | 4.8  | 6.4  | 4.5  | 6.3  | 2.5 | 4.3  | 9.5   |
| AF006041_at | AF006041 | daxx     | Fas-binding protein (DAXX) mRNA, partial cds                 | 2    | 2.5 | 4.7  | 4.1  | 3.6  | 7.8  | 4.2 | 1.6  | 2.8   |
| HG4069_at   | HG4069   | mcp1     | Monocyte Chemoattractant Protein 1                           | 2.9  | 2.5 | 2.8  | 38.4 | 16.9 | 10.3 | 2   | 10.7 | 9.2   |
| M59807_at   | M59807   | nk4      | NATURAL KILLER CELLS PROTEIN 4 PRECURSOR                     | 20.5 | 2.5 | 10.6 | 11.1 | 4.6  | 11.4 | 2.6 | 4.8  | 16.3  |
| D00762_at   | D00762   | psma3    | PROTEASOME COMPONENT C8                                      | 2.8  | 2.4 | 4.2  | 8.2  | 9.2  | 5.2  | 2.9 | 1.7  | 4.2   |
| L26247_at   | L26247   | sui1     | RPL3 Ribosomal protein L3                                    | 3.7  | 2.4 | 4.5  | 2.3  | 2.7  | 2.1  | 1.7 | 2.6  | 2.2   |

Figure 6G

|             |          |           |   |     |     |     |      |      |      |     |     |     |
|-------------|----------|-----------|---|-----|-----|-----|------|------|------|-----|-----|-----|
| AF001294_at | AF001294 | ipl       | IPL (IPL) mRNA  | 2.6 | 2.3 | 6   | 4.5  | 2.2  | 2.8  | 2.9 | 3.9 | 3.1 |
| X07743_at   | X07743   | plek      | PLECKSTRIN  | 9.7 | 2.1 | 5.7 | 13.9 | 10.7 | 2.7  | 3.6 | 1.6 | 5.6 |
| D14826_s_at | D14826   | crem      | CREM CAMP responsive element modulator  | 3.4 | 2   | 6.3 | 13.7 | 7.8  | 50.6 | 5.1 | 1.6 | 7.4 |
| U90913_at   | U90913   | unknown   | Clone 23665 mRNA sequence   | 0   | 1.4 | 0   | 0    | 1.5  | 0    | 1.6 | 0.5 | 0.4 |
| D26308_at   | D26308   | blvrb     | NADPH:flavin reductase  | 0   | 1   | 0   | 0    | 0.8  | 0    | 1.1 | 0   | 0   |
| L13939_s_at | L13939   | ap1b1     | Beta adaptin protein mRNA   | 0   | 1   | 0   | 0    | 0.7  | 0    | 0   | 0.5 | 0   |
| M23197_at   | M23197   | cd33      | CD33 CD33 antigen (differentiation antigen)   | 0   | 1   | 0   | 0.5  | 1.6  | 0    | 0.9 | 0.8 | 0   |
| D87433_at   | D87433   | kiaa0246  | KIAA0246 gene, partial cds  | 0   | 0.9 | 0   | 0    | 0.3  | 0    | 0   | 0.6 | 0   |
| M22632_at   | M22632   | got2      | GOT2 Glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)      | 0.1 | 0.9 | 0   | 0    | 1    | 0    | 0   | 0   | 0   |
| M93221_at   | M93221   | mmr       | M6PR Mannose receptor   | 0   | 0.9 | 0.3 | 0.8  | 0.8  | 0    | 1.2 | 0.1 | 0   |
| M59979_at   | M59979   | cox1      | PTGS1 Prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase) | 0   | 0.4 | 0   | 0.7  | 0.6  | 0    | 0   | 0   | 0   |
| HG4312      | HG4312   |           |   |     |     |     |      |      |      |     |     |     |
| HT4582_s_at | HT4582   | TFIIIA    | Transcription Factor Iiia   | 0.4 | 0.2 | 0   | 0.1  | 0.2  | 0    | 0.8 | 0   | 0   |
| X63422_at   | X63422   | atp5d     | ATP5D ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit                | 0   | 0.2 | 0   | 1.4  | 0.7  | 0    | 0.6 | 0   | 0   |
| X78817_at   | X78817   | RhoGAP4   | KIAA0131 gene, partial cds  | 0   | 0.1 | 0   | 0.6  | 1.1  | 0    | 0   | 0.1 | 0   |
| D13640_at   | D13640   | pp2c-like | PUTATIVE PROTEIN PHOSPHATASE 2C   | 0   | 0   | 0   | 0    | 1.3  | 0    | 0   | 0.6 | 0.5 |
| D80001_at   | D80001   | kiaa0179  | KIAA0179 gene, partial cds  | 0   | 0   | 0   | 0.4  | 0.8  | 0    | 1.5 | 1.1 | 0.8 |
| D83597_at   | D83597   | RP105     | RP105   | 0   | 0   | 0   | 0    | 0.8  | 0.3  | 0   | 0.9 | 1.4 |
| HG3730      | HG3730   |           |   |     |     |     |      |      |      |     |     |     |
| HT4000_s_at | HT4000   | syk       | Tyrosine Kinase Syk   | 0   | 0   | 0   | 0.2  | 0.7  | 0    | 0   | 0.4 | 0   |
| L36818_at   | L36818   | inpp1     | INPPL1 Inositol polyphosphate phosphatase-like protein 1 (51C protein)                      | 0   | 0   | 0   | 0.7  | 0.9  | 0    | 0.7 | 0.9 | 0.3 |
| L77730_at   | L77730   | adora3    | ADORA3 Adenosine receptor A3  | 0   | 0   | 0   | 0    | 0.2  | 0    | 0   | 0.7 | 0   |
| M22638_at   | M22638   | lyl1      | LYL1 protein gene   | 0   | 0   | 0   | 0    | 0    | 0    | 0   | 0   | 0   |

Figure 6H



| Accession | Gene  | Protein  | Accession   | Gene   | Protein                    | Accession | Gene   | Protein                    |
|-----------|-------|--|-------------|--------|----------------------------|-----------|--------|----------------------------|
| M95678_at | plcb2 | PLCB2 Phospholipase C, beta 2                  | U70439_s_at | ssp29  | SPH29 protein              | U70439    | ssp29  | SPH29 protein              |
| U06631_at | H326  | IEF SSP 9502 mRNA                              | Z34897_at   | hrh1   | HRH1 Histamine receptor H1 | Z34897    | hrh1   | HRH1 Histamine receptor H1 |
| U53446    | dab2  | Mitogen-responsive phosphoprotein (DOC-2) mRNA | Z50749_at   | ppp1r7 | Sds22-like mRNA            | Z50749    | ppp1r7 | Sds22-like mRNA            |

Figure 6I

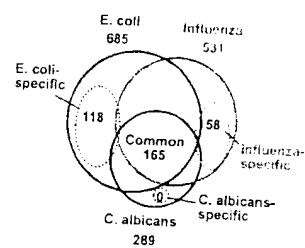


Figure 7A

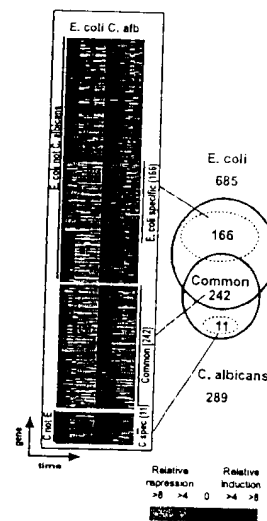


Figure 7B

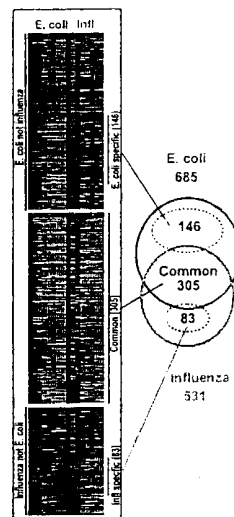


Figure 7C

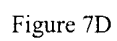




Figure 7E

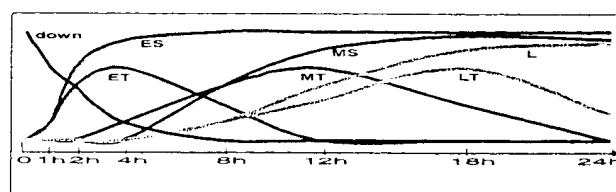


Figure 8A





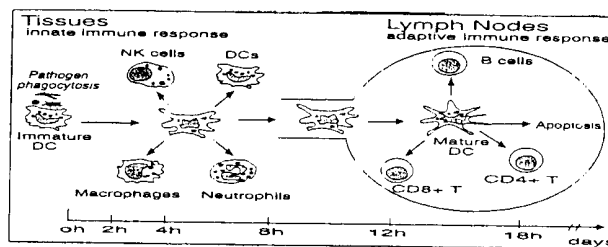


Figure 8C

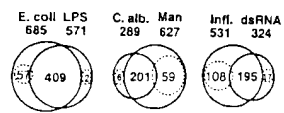


Figure 9A

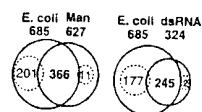


Figure 9B

| Gene                        | GenBank accession no. | <i>E. coli</i> | <i>C. albicans</i> | Influenza |
|-----------------------------|-----------------------|----------------|--------------------|-----------|
| <i>Innate</i>               |                       |                |                    |           |
| Neutrophil                  |                       |                |                    |           |
| <i>il8</i>                  | Y00787                | +++            | +                  | +         |
| <i>gro1</i>                 | X54489                | +++            | +                  | +/-       |
| <i>gro2</i>                 | M57731                | +++            | +                  | +/-       |
| <i>gro3</i>                 | X53800                | ++             | +/-                | +/-       |
| Inflammation                |                       |                |                    |           |
| <i>tnfa</i>                 | X02910                | ++             | +                  | +         |
| <i>il1b</i>                 | X04500                | +++            | +                  | +         |
| <i>il6</i>                  | X04602                | ++             | +                  | +         |
| <i>il1a</i>                 | M28983                | +              | -                  | -         |
| <i>gcsf</i>                 | X03656                | ++             | -                  | -         |
| <i>mip1b</i>                | M69203                | ++             | +                  | ++        |
| <i>mip3a/larc</i>           | U64197                | ++             | +/-                | +/-       |
| <i>mip3b/eic</i>            | U77180                | +              | +/-                | +/-       |
| <i>bf</i>                   | L15702                | ++             | +                  | +/-       |
| Prostaglandin/leukotriene   |                       |                |                    |           |
| <i>ptgir</i>                | D38128                | ++             | +                  | +         |
| <i>ptger4a</i>              | L28175                | -              | -                  | +         |
| <i>cox2</i>                 | U04636                | ++             | +                  | +         |
| <i>Adaptive</i>             |                       |                |                    |           |
| T cell: T <sub>H</sub> 1    |                       |                |                    |           |
| <i>il12b/p40</i>            | M65290                | ++             | +                  | -         |
| <i>itac</i>                 | U59286                | +              | +                  | ++        |
| <i>mig</i>                  | X72755                | +              | +                  | ++        |
| <i>inp10</i>                | X02530                | +              | +                  | ++        |
| <i>ifnb1</i>                | V00535                | +              | -                  | ++        |
| <i>ifna2</i>                | J00207                | -              | -                  | +         |
| <i>ifna13</i>               | J00210                | -              | -                  | +++       |
| <i>ifna14</i>               | V00533                | -              | -                  | +         |
| <i>ifna16</i>               | M28585                | -              | -                  | +         |
| Tcell: T <sub>H</sub> 2     |                       |                |                    |           |
| <i>tarc</i>                 | D43767                | ++             | +                  | +/-       |
| <i>mdc</i>                  | U83171                | +              | +                  | +/-       |
| T cell stimulation          |                       |                |                    |           |
| <i>41bbL</i>                | U03398                | ++             | -                  | +/-       |
| <i>slam</i>                 | U33017                | +++            | +                  | +         |
| <i>cd86</i>                 | U04343                | +              | +                  | +         |
| <i>icam1</i>                | M24283                | ++             | +                  | ++        |
| <i>ebi3</i>                 | L08187                | ++             | +                  | -         |
| Antigen presentation        |                       |                |                    |           |
| <i>b2m</i>                  | J00105                | ++             | -                  | ++        |
| <i>imp10</i>                | X71874                | +              | +                  | +/-       |
| B cell                      |                       |                |                    |           |
| <i>pbef</i>                 | U02020                | +++            | +                  | +         |
| <i>Immune receptor</i>      |                       |                |                    |           |
| <i>il15ra</i>               | U31628                | ++             | +/-                | +         |
| <i>il7r</i>                 | M29696                | ++             | +                  | +         |
| <i>il2r</i>                 | X01057                | +              | +/-                | -         |
| <i>il4r</i>                 | X52425                | +              | +                  | +/-       |
| <i>gmcsfr</i>               | X17648                | +              | +/-                | -         |
| <i>il3r</i>                 | D49410                | +              | +                  | -         |
| <i>41bb</i>                 | U03397                | +++            | +/-                | ++        |
| <i>tnfr2</i>                | M32315                | ++             | -                  | -         |
| <i>il13ra1</i>              | Y10659                | ++             | ++                 | -         |
| <i>cd155</i>                | M24406                | +++            | -                  | -         |
| <i>cd83</i>                 | Z11697                | ++             | ++                 | ++        |
| <i>Immune transcription</i> |                       |                |                    |           |
| <i>nfkB p52</i>             | S76638                | ++             | +/-                | +         |
| <i>nfkB p50</i>             | M58603                | ++             | +/-                | ++        |
| <i>nfkB p65</i>             | L19067                | +              | +                  | +         |
| <i>nfkB relB</i>            | M83221                | +              | +/-                | -         |
| <i>stat5a</i>               | U43185                | ++             | +                  | -         |

Figure 10A

| Gene                                | GenBank accession no. | <i>E. coli</i> | <i>C. albicans</i> | Influenza |
|-------------------------------------|-----------------------|----------------|--------------------|-----------|
| <i>stat4</i>                        | L78440                | ++             | +                  | -         |
| <i>stat3</i>                        | L29277                | +              | +                  | +/-       |
| <i>irf2</i>                         | X15949                | +              | -                  | +         |
| <i>irf4</i>                         | U52682                | +              | +/-                | +/-       |
| <i>isgf3</i>                        | M87503                | +              | +/-                | +         |
| <i>csda</i>                         | M24069                | ++             | -                  | -         |
| <i>Glycolysis and energy</i>        |                       |                |                    |           |
| <i>eno1</i>                         | M14328                | +              | -                  | d         |
| <i>pk3</i>                          | X56494                | ++             | -                  | +/-       |
| <i>tpi</i>                          | J04603                | +              | -                  | -         |
| <i>gys</i>                          | J04501                | +              | -                  | d         |
| <i>pgm1</i>                         | M83088                | +              | +/-                | d         |
| <i>gk</i>                           | X69886                | +              | +/-                | -         |
| <i>pfkp</i>                         | D25328                | +              | -                  | -         |
| <i>pgk1</i>                         | V00572                | +              | -                  | +/-       |
| <i>g3pdh</i>                        | X01677                | +              | -                  | +/-       |
| <i>ldh1</i>                         | X02152                | +              | -                  | +/-       |
| <i>pgd</i>                          | U30255                | +              | -                  | +/-       |
| <i>pgam1</i>                        | J04173                | +              | +                  | +         |
| <i>hij1a</i>                        | U22431                | +              | -                  | +/-       |
| <i>Apoptosis</i>                    |                       |                |                    |           |
| Inhibitor                           |                       |                |                    |           |
| <i>pai2</i>                         | M31551                | ++             | -                  | -         |
| <i>iex-1</i>                        | S81914                | ++             | +                  | -         |
| <i>tax1bp1</i>                      | U33821                | +              | -                  | +/-       |
| <i>fltp</i>                         | AF005775              | ++             | +                  | +/-       |
| <i>bag1</i>                         | Z35491                | +              | +                  | +/-       |
| <i>ciap2</i>                        | U37546                | ++             | ++                 | +         |
| <i>bcl2-a1</i>                      | U29680                | ++             | +                  | +         |
| <i>mcl1</i>                         | L08246                | +              | -                  | +         |
| <i>tau</i>                          | X56468                | +/-            | +/-                | ++        |
| Activator                           |                       |                |                    |           |
| <i>casp4</i>                        | U28014                | ++             | +                  | +/-       |
| <i>nip3</i>                         | U15174                | ++             | +/-                | -         |
| <i>trail</i>                        | U37518                | +              | +                  | ++        |
| <i>fas</i>                          | X63717                | +              | +                  | +         |
| <i>casp5</i>                        | U28015                | +              | -                  | +         |
| <i>bak1</i>                         | U16811                | +/-            | +/-                | +         |
| <i>pmaip1</i>                       | D90070                | +              | -                  | ++        |
| <i>casp10</i>                       | U60519                | +/-            | +                  | +         |
| <i>Growth factors and receptors</i> |                       |                |                    |           |
| <i>tgfa</i>                         | X70340                | +              | -                  | -         |
| <i>ndp</i>                          | X65724                | +++            | -                  | -         |
| <i>wnt5a</i>                        | L20861                | +++            | +/-                | -         |
| <i>actvinba</i>                     | X57579                | +++            | ++                 | +         |
| <i>p2x4</i>                         | AF000234              | +              | +                  | -         |
| <i>vdr</i>                          | J03258                | +              | +/-                | -         |
| <i>Tissue remodeling</i>            |                       |                |                    |           |
| <i>mmp9</i>                         | J05070                | +/-            | +                  | -         |
| <i>mmp7</i>                         | L22524                | ++             | -                  | -         |
| <i>mmp3</i>                         | X05232                | +              | -                  | -         |
| <i>mmp19</i>                        | X92521                | +              | +/-                | +/-       |
| <i>mmp14</i>                        | Z48481                | ++             | -                  | +/-       |
| <i>mmp12</i>                        | L23808                | ++             | +                  | -         |
| <i>mmp10</i>                        | X07820                | +              | -                  | -         |
| <i>mmp1</i>                         | X54925                | +              | -                  | -         |
| <i>lad1</i>                         | U42408                | +              | -                  | +/-       |
| <i>extl2</i>                        | U76189                | +/-            | +                  | +/-       |
| <i>collagen-a1</i>                  | M55998                | +              | -                  | -         |
| <i>tnr</i>                          | X98085                | +              | -                  | +/-       |
| <i>Cell stress</i>                  |                       |                |                    |           |
| <i>mt1g</i>                         | J03910                | +++            | +/-                | +/-       |
| <i>mt1e</i>                         | M10942                | +++            | +/-                | +/-       |
| <i>btg2</i>                         | U72649                | ++             | +/-                | -         |
| <i>fth1</i>                         | L20941                | ++             | +                  | -         |
| <i>quiescin</i>                     | L42379                | ++             | +/-                | -         |
| <i>cagb</i>                         | M26311                | ++             | -                  | +/-       |

Figure 10B

| Gene                     | GenBank<br>accession no. | <i>E. coli</i> | <i>C. albicans</i> | Influenza |
|--------------------------|--------------------------|----------------|--------------------|-----------|
| <i>ddit1</i>             | M60974                   | ++             | -                  | +/-       |
| <i>map3k4</i>            | D86968                   | ++             | +/-                | +/-       |
| <i>mt1l</i>              | X76717                   | ++             | -                  | +/-       |
| <i>mt1h</i>              | X64177                   | ++             | +                  | +         |
| <i>mt2a</i>              | V00594                   | ++             | +                  | +         |
| <i>hspa7a</i>            | M11717                   | ++             | +/-                | ++        |
| <i>ninj1</i>             | U72661                   | ++             | +                  | ++        |
| <i>sod2</i>              | X07834                   | ++             | +                  | ++        |
| <i>atox1</i>             | U70660                   | +              | +                  | -         |
| <i>hspa6</i>             | X51757                   | +              | +/-                | -         |
| <i>krs1</i>              | U26424                   | -              | +/-                | -         |
| <i>mt1a</i>              | K01383                   | ++             | -                  | -         |
| <i>mt1f</i>              | M10943                   | +              | -                  | -         |
| <i>rtp</i>               | D87953                   | ++             | +/-                | -         |
| <i>cyp450db1</i>         | X07619                   | +              | +/-                | +/-       |
| <i>gst12</i>             | U46499                   | +              | -                  | +/-       |
| <i>hsf4</i>              | D87673                   | +              | -                  | +/-       |
| <i>hspa4</i>             | L12723                   | +              | -                  | +/-       |
| <i>dusp1</i>             | X68277                   | +              | -                  | +         |
| <i>mtf</i>               | X78710                   | +              | -                  | +         |
| <i>hsp70</i>             | U10284                   | +/-            | -                  | +         |
| <i>hsp27</i>             | Z23090                   | -              | +/-                | ++-       |
| <i>cbr1</i>              | J04056                   | +/-            | +                  | +         |
| <i>Immune inhibitors</i> |                          |                |                    |           |
| <i>mcp1</i>              | S69738                   | +              | ++                 | ++        |
| <i>il10</i>              | U16720                   | ++             | -                  | -         |
| <i>hla-e</i>             | X56847                   | -              | -                  | +         |
| <i>gfrp</i>              | U78190                   | d              | -                  | +         |
| <i>ido</i>               | M34455                   | ++             | +/-                | ++        |

Figure 10C

| affyID    | Gene Name   | Gene Symbol | GBA      | Score_Ecoli | Score_Candida | Score_Influenza |
|-----------|---|-------------|----------|-------------|---------------|-----------------|
| 1520_s_at | endothelin 1  | EDN1        | J05008   | 444.4       | 283.5         | 113.7           |
| 563_at    | interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40) | IL12B       | M65290   | 2449.1      | 761.6         | 1.2             |
| 1369_s_at | interleukin 8   |             |          |             |               |                 |
| 35822_at  | B-factor, properdin   | IL8         | M28130   | 2300.5      | 32.6          | 122.1           |
| 38299_at  | interleukin 6 (interferon, beta 2)  | BF          | L15702   | 1635.7      | 287.1         | 17.3            |
| 40385_at  | small inducible cytokine subfamily A (Cys-Cys), member 20   | IL6         | X04430   | 1566.4      | 101.3         | 227.7           |
| 91636_at  |   | SCYA20      | U64197   | 943.4       | 28.3          | 53.8            |
| 1491_at   | pentaxin-related gene, rapidly induced by IL-1 beta   |             | A1652725 | 886.7       | 27.7          | 7               |
| 37187_at  | GRO2 oncogene   | PTX3        | M31166   | 827.3       | 8.9           | 79              |
| 35061_at  | small inducible cytokine subfamily B (Cys-X-Cys), member 11   | GRO2        | M36820   | 785         | 32            | 26.1            |
| 1372_at   | tumor necrosis factor, alpha-induced protein 6  | SCYB11      | AF030514 | 655.1       | 844.8         | 729.7           |
| 425_at    | interferon, alpha-inducible protein 27  | TNFAIP6     | M31165   | 573.9       | 37.7          | 75.1            |
| 2002_s_at | BCL2-related protein A1   | IFI27       | X67325   | 565.9       | 754           | 421             |
| 37944_at  | GTP cyclohydrolase 1 (dopa-responsive dystonia)   | BCL2A1      | U27467   | 547.8       | 65.2          | 70.5            |
| 1069_at   | prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)                     | GCH1        | U19523   | 505.4       | 330.9         | 169             |
| 77706_at  |   | PTGS2       | U04636   | 495.3       | 26.7          | 53.1            |
| 408_at    | GRO1 oncogene (melanoma growth stimulating activity, alpha)   |             | AA641972 | 493         | 59            | 7.8             |
| 38549_at  |   | GRO1        | X54489   | 486.7       | 11.5          | 7.1             |
| 32818_at  | hexabrachion (tenascin C, cytotoxic)  |             | AF026941 | 484.1       | 612.9         | 1149.5          |
| 39402_at  | interleukin 1, beta   | HXB         | X78565   | 474.9       | 37.3          | 1.5             |
| 1214_s_at | interferon, beta 1, fibroblast  | IL1B        | M15330   | 468.5       | 30.5          | 12.2            |
| 52615_at  |   | IFNB1       | V00535   | 433.9       | 0.1           | 540.3           |
| 36067_at  | small inducible cytokine subfamily A (Cys-Cys), member 19   |             | AA948319 | 425         | 188.4         | 94.9            |
| 926_at    | metallothionein 1G  | SCYA19      | AB000887 | 394.2       | 25.2          | 2.8             |
| 33304_at  | interferon stimulated gene (20kD)   | MT1G        | J03910   | 370.2       | 0.5           | 1.5             |
| 53579_at  | aldehyde dehydrogenase 9 (gamma-aminobutyraldehyde dehydrogenase, E3 isozyme)                             | ISG20       | U88964   | 327.2       | 200           | 103.7           |
| 909_g_at  | interferon-induced protein with tetratricopeptide repeats 2   | ALDH9       | A1127172 | 326.5       | 3.6           | 2.1             |
| 41471_at  | S100 calcium-binding protein A9 (calgranulin B)   | IFIT2       | M14660   | 320.5       | 145.5         | 573.3           |
| 43853_at  | hypothetical protein  | S100A9      | W72424   | 313.3       | 0.5           | 0.8             |
| 1021_at   | interferon, gamma   |             | AA618602 | 296.2       | 15.3          | 18.6            |
| 41677_at  | interleukin 15 receptor, alpha  | IFNG        | J00219   | 289.9       | 58.8          | 36.2            |
|           |   | IL15RA      | AF035279 | 278         | 99.5          | 111.4           |

Figure 11A

|            |   |          |          |       |       |       |
|------------|---|----------|----------|-------|-------|-------|
| 41531_at   | transmembrane 4 superfamily member 1  | TM4SF1   | A1445461 | 278   | 0.8   | 1.3   |
| 1097_s_at  | chemokine (C-C motif) receptor 7  | CCR7     | L31584   | 276.6 | 100.6 | 88.3  |
| 61818_at   |   |          | A1970348 | 265   | 32.3  | 2.5   |
| 35577_at   | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 7                                  | SERPINF7 | AF027866 | 262.3 | 26.1  | 5.6   |
| 37219_at   | monokine induced by gamma interferon  | MIG      | X72755   | 261.6 | 704.2 | 182.7 |
| 34929_at   | tumor necrosis factor receptor superfamily, member 8  | TNFRSF8  | M83554   | 255.9 | 0     | 0.8   |
| 33955_at   | interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) | IL12A    | M65291   | 250.2 | 18.4  | 14.6  |
| 41096_at   | S100 calcium-binding protein A8 (calgranulin A)   | S100A8   | A1126134 | 249.4 | 0     | 6.9   |
| 41468_at   | T cell receptor gamma locus   | TRG@     | M30894   | 245.1 | 5     | 1     |
| 35000_at   | tumor necrosis factor (ligand) superfamily, member 9  | TNFSF9   | U03398   | 232.3 | 2.9   | 3.1   |
| 33705_at   | phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4)                     | PDE4B    | L20971   | 232.3 | 51.8  | 92.7  |
| 1403_s_at  | small inducible cytokine A5 (RANTES)  | SCYA5    | M21121   | 232.1 | 90.6  | 200.3 |
| 48864_at   | interferon, alpha-inducible protein 27  | IFI27    | A1991845 | 216.4 | 274.9 | 141.4 |
| 33965_at   | small inducible cytokine A1 (i-309, homologous to mouse Tca-3)  | SCYA1    | M57506   | 216.3 | 0     | 7.8   |
| 36116_at   | thyroid hormone receptor interactor 10  | TRIP10   | AJ000414 | 215.9 | 56.7  | 7     |
| 1400_at    | colony stimulating factor 2 (granulocyte-macrophage)  | CSF2     | M13207   | 210.9 | 0.1   | 1     |
| 47855_at   | interleukin 19  | IL19     | AA151656 | 205.5 | 0     | 0.5   |
| 61371_at   | cyclin-E binding protein 1  |          | AA555023 | 204   | 148   | 479.5 |
| 1852_at    | tumor necrosis factor (TNF superfamily, member 2)   | TNF      | X02910   | 201.2 | 47.5  | 57    |
| 33789_at   | small inducible cytokine A5 (RANTES)  | SCYA5    | AF088219 | 191.5 | 64.1  | 1.2   |
| 45164_at   | 19A24 protein   |          | W74027   | 189.7 | 74.5  | 32.5  |
| 62330_at   |   |          | A1075407 | 185.9 | 169.1 | 121.9 |
| 49148_at   | interferon-induced protein with tetratricopeptide repeats 4   |          | AA947472 | 182.2 | 52    | 423.6 |
| 38584_at   | signaling lymphocytic activation molecule   | IFIT4    | AF026939 | 179.4 | 153.2 | 148.6 |
| 33513_at   |   | SLAM     | U33017   | 178.3 | 14.3  | 1     |
| 58918_at   | small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant)                |          | AA210892 | 176.1 | 24    | 34.8  |
| 41104_at   | colony stimulating factor 3 (granulocyte)   | SCYB13   | AF044197 | 171.2 | 0     | 2.3   |
| 1334_s_at  |   | CSF3     | X03656   | 167   | 1.2   | 7.2   |
| 57761_at   | neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1)                          |          | A1313253 | 161   | 50.6  | 33.7  |
| 40159_l_at |   | NCF1     | M55067   | 160.7 | 91    | 140.3 |

Figure 11B



|            |  |         |          |       |       |       |
|------------|--|---------|----------|-------|-------|-------|
| 31623_f.at | metallothionein 1A (functional)                              | MT1A    | K01383   | 160.3 | 22.3  | 49.7  |
| 40323_at   | CD38 antigen (p45)   | CD38    | D84276   | 160.1 | 102.8 | 18.6  |
| 41048_at   | phorbol-12-myristate-13-acetate-induced protein 1            | PMAIP1  | D90070   | 159.8 | 9.8   | 408.5 |
| 1107_s.at  | interferon-stimulated protein, 15 kDa                        |         | M13755   | 159   | 86.3  | 213.8 |
| 33364_at   | similar to rat myomegalin                                    |         | U51694   | 156   | 28.9  | 2.9   |
| 431_at     | small inducible cytokine subfamily B (Cys-X-Cys), member 10  | SCYB10  | X02530   | 152   | 390   | 545.7 |
| 59215_at   | RNA helicase   |         | A1807018 | 151.1 | 63    | 36.2  |
| 49076_at   | SGRF protein, Interleukin 23 p19 subunit                     |         | A1796983 | 147.7 | 0.3   | 2.3   |
| 41870_at   | lung type-I cell membrane-associated glycoprotein            |         | AF030428 | 143.7 | 0     | 1.2   |
| 34666_at   | superoxide dismutase 2, mitochondrial                        | SOD2    | X07834   | 141.3 | 63.1  | 42.3  |
| 89884_at   | metallothionein 2A   | MT2A    | A1991852 | 138   | 45.1  | 82.3  |
| 32114_s.at | adenosine A2a receptor                                       | ADORA2A | S46950   | 137.9 | 31    | 27.9  |
| 48919_at   | potassium inwardly-rectifying channel, subfamily J, member 2 | KCNJ2   | AA393850 | 130   | 11.2  | 13.1  |
| 51725_at   | sorting nexin 10   |         | AA521246 | 129.3 | 35.4  | 18    |
| 63335_at   | PPAR(gamma) angiopoietin related protein                     |         | A1285531 | 127.4 | 55.8  | 74.2  |
| 48753_at   |  |         | N57259   | 126   | 7.9   | 14.7  |
| 53508_at   |  |         | A1247103 | 124.7 | 84.6  | 27.2  |
| 63628_at   | interleukin 7 receptor                                       | IL7R    | A1655781 | 123.1 | 41.5  | 20.9  |
| 46468_at   |  |         | A1735586 | 122.3 | 4.7   | 0.2   |
| 1548_s.at  | interleukin 10   | IL10    | U16720   | 121.9 | 4.3   | 3.2   |
| 70458_i.at |  |         | A1654525 | 120.3 | 174.3 | 127.2 |
| 57440_r.at |  |         | AW014801 | 120.2 | 4     | 10.2  |
| 36174_at   | macrophage myristoylated alanine-rich C kinase substrate     |         | X70326   | 119.6 | 44.8  | 42    |
| 84995_at   |  |         | AA769482 | 117.4 | 12.2  | 6.6   |
| 50978_at   | putative secreted ligand homologous to fxl                   | hfx     | A1338625 | 117.2 | 3.8   | 3.3   |
| 609_f.at   | metallothionein 1B (functional)                              | MT1B    | M13485   | 116.3 | 11.1  | 20.1  |
| 51972_at   | ubiquitin specific protease 18                               | USP18   | AA143794 | 114.4 | 158.3 | 218   |
| 51546_at   |  |         | AA498361 | 113.1 | 77.9  | 73.9  |
| 63066_at   |  |         | AA001735 | 113   | 12.6  | 9.6   |
| 675_at     | interferon induced transmembrane protein 1 (9-27)            | IFITM1  | J04164   | 112.7 | 140.9 | 173.6 |
| 71839_at   |  |         | AA251131 | 111.4 | 76.5  | 82.8  |
| 50827_at   |  |         | AW001213 | 109.2 | 52.4  | 6.6   |
| 58957_at   | hypothetical protein FLJ20637                                |         | A1630475 | 108.9 | 42.7  | 28.3  |
| 36070_at   | KIAA1199 protein   |         | AL049389 | 108.4 | 0     | 2.9   |
| 33282_at   | ladinin 1  | LAD1    | U42408   | 107.2 | 2.4   | 4.4   |

Figure 11C

|            |  |          |          |       |      |      |
|------------|--|----------|----------|-------|------|------|
| 65867_at   | FXD domain-containing ion transport regulator 6  | FXD6     | AL043089 | 103.8 | 73.3 | 28.2 |
| 36454_at   | carbonic anhydrase XII   | CA12     | AF037335 | 103   | 0    | 1.1  |
| 70594_at   |  |          | AI819198 | 102.7 | 8.4  | 2.5  |
| 82795_at   |  |          | AI793037 | 102.4 | 0    | 1.4  |
| 1370_at    | interleukin 7 receptor   |          | IL7R     | 102.3 | 30.8 | 25.3 |
| 31622_f_at | metallothionein 1F (functional)  |          | MT1F     | 101.8 | 13.1 | 32.6 |
| 33055_at   | cytochrome P450, subfamily VIIb (oxysterol 7 alpha-hydroxylase), polypeptide 1             | CYP7B1   | AF029403 | 99.5  | 17.6 | 1.2  |
| 70097_at   | indoleamine-pyrrole 2,3 dioxygenase  | INDO     | AI302268 | 99.5  | 29.8 | 39.9 |
| 90956_at   |  |          | AA932068 | 99.3  | 55.6 | 0.8  |
| 73341_at   |  |          | AA678425 | 99.2  | 1.2  | 0    |
| 59777_at   |  |          | AA766831 | 98.3  | 63.3 | 41.1 |
| 38909_at   | cytochrome P450, subfamily XXVIIb (25-hydroxyvitamin D-1-alpha-hydroxylase), polypeptide 1 | CYP27B1  | AB005038 | 98.2  | 17.2 | 2.9  |
| 59805_f_at |  |          |          |       |      |      |
| 90942_at   | TNF receptor-associated factor 1   |          | AI636743 | 98.2  | 2.6  | 6.6  |
| 65626_at   |  | TRAF1    | AI524201 | 97.1  | 27   | 0.5  |
| 48035_at   | A kinase (PRKA) anchor protein 2   |          | AA059458 | 96.4  | 20.4 | 9    |
| 75146_at   |  | AKAP2    | AA101125 | 95.8  | 38.5 | 43.7 |
| 88714_at   |  |          | AL047300 | 94.9  | 18.8 | 0.5  |
| 49886_at   |  |          | AA873008 | 94.5  | 63.3 | 12.9 |
| 76710_at   | cardiotrophin-like cytokine; neurotrophin-1/B-cell stimulating factor-3                    |          | AI936516 | 93.7  | 1.9  | 49   |
| 39081_at   | metallothionein 2A   |          | AI040033 | 92.7  | 4.7  | 4    |
| 32984_s_at | chloride channel kb  | MT2A     | AI547258 | 92.5  | 37.3 | 94.1 |
| 1004_at    | Burkitt lymphoma receptor 1, GTP-binding protein   | CLCNKB   | Z30644   | 92.3  | 5    | 5    |
| 44815_s_at |  | BLR1     | X68149   | 92    | 0.2  | 11.5 |
| 39594_f_at | metallothionein 1H   |          | AA733119 | 92    | 11.1 | 28.6 |
| 36804_at   | indoleamine-pyrrole 2,3 dioxygenase  | MT1H     | R93527   | 91.6  | 9.4  | 26.1 |
| 56246_at   | 6-phosphofructo-2-kinase/fructose 2,6-bisphosphatase 3                                     | INDO     | M34455   | 91.3  | 36.9 | 37.7 |
| 37168_at   | similar to lysosome-associated membrane glycoprotein                                       | PFKFB3   | AI765775 | 91    | 6.2  | 11.3 |
| 870_f_at   | metallothionein 3 (growth inhibitory factor (neurotrophic))                                | AB013924 | AB013924 | 90.9  | 50.6 | 16.1 |
| 1911_s_at  | growth arrest and DNA damage-inducible, alpha  | MT3      | M93311   | 90.7  | 15.1 | 42.9 |
| 38428_at   | matrix metalloproteinase 1 (interstitial collagenase)                                      | GADD45A  | M60974   | 88.7  | 5    | 2.7  |
| 46659_at   |  | MMP1     | M13509   | 87.8  | 0    | 0.3  |
|            |  |          | AI742057 | 87.7  | 54.8 | 56   |

Figure 11D

|            |  |          |          |      |       |       |
|------------|--|----------|----------|------|-------|-------|
| 37407_s.at | myosin, heavy polypeptide 11, smooth muscle  | MYH11    | AF013570 | 87   | 17.5  | 7     |
| 57085_s.at | DKFZP586G0522 protein  |          | AW008790 | 85.4 | 4.8   | 52.3  |
| 54982.at   | pellino (Drosophila) homolog 1   | PELI1    | AL043980 | 85.4 | 6.2   | 54.5  |
| 45237.at   | superoxide dismutase 2, mitochondrial  | SOD2     | AA142976 | 84.4 | 32.6  | 17.7  |
| 38570.at   | major histocompatibility complex, class II, DO beta  | HLA-DQB  | X03066   | 84.2 | 55.5  | 30.1  |
| 91313.at   |  |          | AA131041 | 84   | 77.5  | 157.1 |
| 84893.at   |  |          | AI446168 | 83.4 | 119.5 | 160.2 |
| 1527_s.at  |  |          | U05027   | 82.5 | 50.7  | 14.2  |
| 32775_r.at | phospholipid scramblase 1  | PLSCR1   | AB006746 | 81.8 | 68.4  | 32.6  |
| 1549_s.at  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4                         | SERPINA4 | U19557   | 81.2 | 0.7   | 1.1   |
| 40679.at   | solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12                  | SLC6A12  | U27699   | 80.9 | 46.2  | 10.4  |
| 1693_s.at  | tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor) | TIMP1    | D11139   | 79.8 | 1     | 0.9   |
| 60032.at   |  |          | AI984197 | 79   | 0.2   | 0.9   |
| 36130_f.at | metallothionein 1E (functional)  | MT1E     | R92331   | 78.7 | 4.6   | 8.6   |
| 54594.at   | KIAA0668 protein   | AA009571 |          | 78.6 | 23.3  | 31.3  |
| 57711.at   |  |          | AA576959 | 78.3 | 9.8   | 0.7   |
| 35844.at   | syndecan 4 (amphiglycan, ryudocan)   | SDC4     | D79206   | 77.4 | 5.8   | 20.7  |
| 85561.at   |  |          | AL079435 | 76.5 | 7.7   | 0.6   |
| 37216.at   | KIAA0963 protein   |          | AB023180 | 75.3 | 33.5  | 1.2   |
| 40687.at   | gap junction protein, alpha 4, 37kD (connexin 37)  | GJA4     | M96789   | 74   | 13.5  | 4.2   |
| 44126.at   |  |          | W28501   | 73.5 | 28.6  | 16.2  |
| 69142.at   |  |          | AI635522 | 72.4 | 7.8   | 8.6   |
| 69818.at   | hypothetical protein FLJ22318  |          | AI250747 | 72.4 | 0     | 0     |
| 31540.at   | tumor necrosis factor receptor superfamily, member 9   | TNFRSF9  | U03397   | 72.2 | 7.8   | 19.5  |
| 35735.at   | guanylate binding protein 1, interferon-inducible, 67kD  | GBP1     | M55542   | 72.1 | 49.4  | 49.8  |
| 90958.at   |  |          | AI660377 | 71.6 | 38.3  | 4.8   |
| 71013.at   | interleukin-1 homolog 1  |          | AI814314 | 71.5 | 4.1   | 2.3   |
| 39224.at   | KIAA0580 protein   |          | AB011152 | 71.4 | 27.4  | 18    |
| 41446_f.at | RNA helicase-related protein   |          | H68340   | 71.4 | 10.1  | 21.9  |
| 38111.at   | chondroitin sulfate proteoglycan 2 (versican)  | CSPG2    | X15998   | 71.2 | 4.1   | 27.4  |
| 47483.at   | similar to rat myomegalin  |          | AI659612 | 71.1 | 9.8   | 11.8  |
| 50746.at   |  |          | AA897516 | 71   | 20.1  | 43.9  |

Figure 11E

|            |  |          |          |          |      |       |       |
|------------|--|----------|----------|----------|------|-------|-------|
| 42204_at   |  |          |          |          |      |       |       |
| 668_s_at   | matrix metalloproteinase 7 (matrilysin, uterine)   | MMP7     | AI219461 | L22524   | 70.7 | 4.8   | 5     |
| 73455_f_at |  |          |          | H72723   | 70.6 | 1.3   | 1.1   |
| 63675_at   |  |          |          | AI680833 | 70.4 | 8.2   | 8.5   |
| 37643_at   | tumor necrosis factor receptor superfamily, member 6                                     | TNFRSF6  | X63717   |          | 69.2 | 1.3   | 1.2   |
| 44513_at   |  |          |          | AI760613 | 69   | 17.4  | 30    |
| 39114_at   | decidual protein induced by progesterone   |          | AB022718 |          | 68.8 | 81.5  | 36.6  |
| 37641_at   | interferon-induced, hepatitis C-associated microtubular aggregate protein (44kD)         |          | D28915   |          | 68.6 | 26.6  | 28.6  |
| 49438_at   |  |          |          |          | 68.5 | 51.1  | 43.6  |
| 32026_s_at | PDZ domain containing guanine nucleotide exchange factor(GEF)1                           |          | AI535730 |          | 68.4 | 21    | 15.8  |
|            |  |          | AB002311 |          | 68.3 | 25.1  | 16.6  |
| 63769_at   | KIAA1682 protein   |          | AI749656 |          | 67.8 | 49    | 14.3  |
| 56879_at   | heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1                                   | HS3ST3B1 | AI921158 |          | 67.8 | 81.9  | 115.6 |
| 1006_at    | matrix metalloproteinase 10 (stromelysin 2)  | MMP10    | AA780067 |          | 67.6 | 2.5   | 34.8  |
| 47517_at   |  |          | X07820   |          | 67.5 | 2.4   | 3.6   |
| 1715_at    | tumor necrosis factor (ligand) superfamily, member 10                                    |          | AA639645 |          | 67.1 | 51.4  | 3.3   |
| 59185_at   |  | TNFSF10  | U37518   |          | 66.8 | 179.7 | 463.3 |
| 41475_at   | ninjurin 1   |          | AA926689 |          | 66.3 | 1.8   | 1.1   |
| 595_at     | tumor necrosis factor, alpha-induced protein 3   | NINJ1    | U91512   |          | 65.2 | 35.7  | 16.7  |
| 1036_at    | interleukin 15   | TNFAIP3  | M59465   |          | 65.1 | 11.4  | 26.6  |
| 77244_at   | bHLH factor Hes4   | IL15     | U14407   |          | 64.7 | 16.6  | 22.1  |
| 286_at     | H2A histone family, member O   |          | AI380603 |          | 64.7 | 15.4  | 23.6  |
| 38326_at   | putative lymphocyte G0/G1 switch gene  | H2AFQ    | L19779   |          | 64.6 | 21    | 57.1  |
| 51015_at   |  |          | M69199   |          | 64.6 | 20.8  | 6.5   |
| 75014_l_at | KIAA1533 protein   |          | AI655467 |          | 64.4 | 21.6  | 4.4   |
| 38631_at   | tumor necrosis factor, alpha-induced protein 2   |          | AW006583 |          | 64.4 | 37.7  | 3.6   |
| 53126_at   | NK homeobox (Drosophila), family 3, A  | TNFAIP2  | M92357   |          | 63.8 | 17.8  | 18.4  |
| 36227_at   |  | NKX3A    | AI557413 |          | 63.8 | 2.8   | 12.5  |
| 1717_s_at  | baculoviral IAP repeat-containing 3  |          | AF043129 |          | 63.4 | 21.8  | 18.5  |
| 78482_at   |  | BIRC3    | U45878   |          | 63.1 | 47.7  | 20.2  |
|            |  |          | AA705165 |          | 62.7 | 3.6   | 35.7  |
| 51232_at   | hypothetical protein FLJ20764  |          | AI684508 |          | 62.7 | 4.1   | 2     |
| 39221_at   | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2 | LILRB2   | AF004231 |          | 62.6 | 6.1   | 17.8  |

Figure 11F



|            |  |          |  |          |      |      |
|------------|--|----------|--|----------|------|------|
| 64603_at   |  |          |  | N47335   | 53.7 | 8.2  |
| 37014_at   | myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78) | MX1      |  | M33882   | 53.6 | 69.2 |
| 649_s_at   | chemokine (C-X-C motif), receptor 4 (fusin)  | CXCR4    |  | L06797   | 53.5 | 40.7 |
| 74633_at   | tumor necrosis factor, alpha-induced protein 2   | TNFAIP2  |  | A1986430 | 53.5 | 15.5 |
| 63382_at   | interferon consensus sequence binding protein 1  | ICSBP1   |  | A1073984 | 53.5 | 35.7 |
| 47287_at   |  |          |  | A475473  | 53.5 | 2.5  |
| 36927_at   | hypothetical protein, expressed in osteoblast  |          |  | AB000115 | 53.4 | 60.4 |
| 48676_at   |  |          |  | AL046192 | 53.3 | 0    |
| 37185_at   | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2                 | SERPINB2 |  | Y00630   | 52.6 | 0    |
| 40670_at   | kynureninase (L-kynurenine hydrolase)  | KYNU     |  | A1148772 | 52.5 | 13.6 |
| 37137_at   | granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)             | GZMB     |  | M17016   | 52.3 | 9.1  |
| 80773_at   |  |          |  | H15073   | 51.8 | 9.8  |
| 48025_at   | NCK adaptor protein 2  | NCK2     |  | A1934552 | 51.7 | 5.9  |
| 63780_at   | hypothetical protein FLJ11259  |          |  | AA814195 | 51.4 | 19.6 |
| 222_at     | exostoses (multiple) 1   | EXT1     |  | S79639   | 50.9 | 5    |
| 37451_at   |  |          |  | AL109695 | 50.6 | 4.8  |
| 35143_at   | KIAA1031 protein   |          |  | A1138605 | 50.6 | 24.1 |
| 669_s_at   | interferon regulatory factor 1   | IRF1     |  | L05072   | 50.6 | 35.4 |
| 34435_at   | aquaporin 9  | AQP9     |  | AB008775 | 50.5 | 15.3 |
| 32814_at   | interferon-induced protein with tetratricopeptide repeats 1                              | IFIT1    |  | M24594   | 50.5 | 70.1 |
| 37716_at   | antigen identified by monoclonal antibody MRC OX-2                                       | MOX2     |  | X05323   | 50.5 | 7    |
| 1736_at    | insulin-like growth factor binding protein 6   | IGFBP6   |  | M62402   | 50.4 | 0    |
| 66951_at   |  |          |  | A1016542 | 50.4 | 9.1  |
| 82532_at   |  |          |  | A1821392 | 50   | 4    |
| 48506_at   | hypothetical protein FLJ12614 similar to nucleoredoxin                                   |          |  | A1358871 | 49.8 | 0.9  |
| 41745_at   | interferon induced transmembrane protein 3 (1-8U)  | IFITM3   |  | X57352   | 49.6 | 74   |
| 51075_at   | pannexin 1   | PANX1    |  | AA115920 | 49.5 | 3.9  |
| 32527_at   | adipose specific 2   |          |  | A1381790 | 49.3 | 1.4  |
| 36412_s.at | interferon regulatory factor 7   | IRF7     |  | U53831   | 49.2 | 41.5 |
| 35985_at   | A kinase (PRKA) anchor protein 2   | AKAP2    |  | AB023137 | 49   | 20.1 |
| 70460_f.at |  |          |  | A1654525 | 48.9 | 90.2 |

|            |  |          |          |      |      |       |
|------------|--|----------|----------|------|------|-------|
| 36781_at   | serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 | SERPINA1 | X01683   | 48.8 | 2.5  | 2.4   |
| 38879_at   | S100 calcium-binding protein A12 (calgranulin C)   | S100A12  | D83664   | 48.3 | 0    | 6.6   |
| 1583_at    | tumor necrosis factor receptor superfamily, member 1B  | TNFRSF1B | M32315   | 48   | 3.4  | 3.1   |
| 72721_at   |  |          | A1830607 | 47.1 | 3.3  | 1.4   |
| 60103_at   |  |          | A1916948 | 46.9 | 13.9 | 44.2  |
| 53236_at   | carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7  | CHST7    | N64774   | 46.8 | 23.4 | 1.6   |
| 41384_at   | receptor-interacting serine-threonine kinase 2   | RIPK2    | AF117829 | 46.7 | 26.8 | 104.9 |
| 41779_at   | regulator of G-protein signalling 16   | RGS16    | U70426   | 46.6 | 1.8  | 13    |
| 56392_at   | prostaglandin E synthase   | PTGES    | T03380   | 46.5 | 2    | 5     |
| 57027_at   | retinoic acid induced 3  | RAI3     | A1990405 | 46.5 | 0.2  | 0.2   |
| 44790_s_at |  |          | A1129310 | 45.7 | 0.8  | 0.8   |
| 54565_at   |  |          | AA149736 | 45.6 | 8.7  | 10.3  |
| 51670_l_at |  |          | A1161358 | 45.6 | 13.2 | 52.1  |
| 58667_at   |  |          | AA442239 | 45.4 | 0.4  | 5.5   |
| 529_at     | dual specificity phosphatase 5   | DUSP5    | U15932   | 45   | 12.1 | 10.5  |
| 1005_at    | dual specificity phosphatase 1   | DUSP1    | X68277   | 44.6 | 0.2  | 20.1  |
| 43939_at   |  |          | A1590710 | 44.5 | 9.7  | 18    |
| 56561_at   |  |          | W37880   | 43.8 | 0.1  | 0.1   |
| 53970_at   | dual adaptor of phosphotyrosine and 3-phosphoinositides  |          | AF150266 | 43.8 | 9.5  | 3     |
| 65582_g_at | hypothetical protein FLJ23375  |          | A1818808 | 43.4 | 18.3 | 6.2   |
| 84364_at   |  |          | AA665185 | 43.3 | 3.1  | 1.7   |
| 75246_s_at | solute carrier family 1 (glial high affinity glutamate transporter), member 3                      | SLC1A3   | W26838   | 43.1 | 7.2  | 4.8   |
| 40419_at   | erythrocyte membrane protein band 7.2 (stomatin)   | EPB72    | X85116   | 42.8 | 19   | 21.9  |
| 48856_at   | plastin 3 (T isoform)  | PLS3     | A1983923 | 42.8 | 2.1  | 68.4  |
| 45647_s_at |  |          | AW005111 | 42.5 | 1.5  | 1.7   |
| 32331_at   | adenylate kinase 3   | AK3      | X60673   | 42.3 | 6.8  | 1     |
| 56373_at   | UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 5                                   | B4GALT5  | AA133969 | 42.2 | 9.3  | 9.5   |
| 38131_at   | prostaglandin E synthase   | PTGES    | AF010316 | 42.1 | 0    | 1.2   |
| 59581_at   |  |          | N95225   | 42.1 | 4.1  | 80.8  |
| 43524_at   | KIAA1170 protein   |          | C14031   | 42.1 | 18.4 | 7.2   |
| 88629_at   |  |          | A1337136 | 42   | 18.5 | 15.7  |
| 42363_r_at | STAT induced STAT inhibitor 3  |          | A1680350 | 41.7 | 5.3  | 5.8   |

Figure 11I

|            |   |          |          |      |      |       |
|------------|---|----------|----------|------|------|-------|
| 60903_s_at | T-cell lymphoma invasion and metastasis 2                                   | TIAM2    | AI126294 | 41.6 | 25.5 | 6.8   |
| 39775_at   | serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1 | SERPING1 | X54486   | 41.5 | 67.8 | 17.1  |
| 75868_r_at |   |          |          |      |      |       |
| 48822_s_at | adenylate kinase 3  |          | AI791208 | 41.5 | 10.4 | 7     |
| 35694_at   | mitogen-activated protein kinase kinase kinase 4                            | AK3      | AW015546 | 41.5 | 6.1  | 0.5   |
| 37225_at   | KIAA0172 protein  | MAP4K4   | AB014587 | 41.4 | 2.7  | 0.6   |
| 31832_at   | KIAA0286 protein  |          | D79994   | 41.4 | 3.6  | 10.9  |
| 33849_at   | pre-B-cell colony-enhancing factor  |          | AB006624 | 41.3 | 5    | 5.1   |
| 34439_at   | absent in melanoma 2  |          | U02020   | 41   | 8.3  | 16.3  |
| 61671_at   |   | AIM2     | AF024714 | 40.9 | 18.1 | 16    |
| 58737_at   |   |          | AA194980 | 40.7 | 35.3 | 10    |
| 44640_at   |   |          | N27438   | 40.2 | 2.4  | 4.3   |
| 64333_s_at | pyrophosphatase (inorganic)   |          | W30985   | 40.2 | 11.6 | 8.4   |
| 41654_at   | adenosine deaminase   | PP       | AW009649 | 39.9 | 10.9 | 5     |
| 40456_at   | up-regulated by BCG-CWS   | ADA      | X02994   | 39.7 | 4.1  | 3.2   |
| 34022_at   | GRO3 oncogene   |          | AL049963 | 39.4 | 1.8  | 0     |
| 53609_at   |   | GRO3     | M36821   | 39.3 | 1.9  | 1.4   |
| 48014_at   |   |          | C14904   | 39.3 | 13   | 22.8  |
| 38388_at   | 2',5'-oligoadenylate synthetase 1 (40.46 kD)                                |          | N54957   | 38.8 | 5.2  | 2     |
| 40357_at   | inhibin, beta A (activin A, activin AB alpha polypeptide)                   | OAS1     | M11810   | 38.7 | 54   | 103.7 |
| 63927_f_at |   | INHBA    | J03634   | 38.6 | 4.9  | 5     |
| 54147_at   | pyruvate dehydrogenase kinase, isoenzyme 4                                  |          | A963642  | 38.5 | 33.4 | 11.9  |
| 80915_at   | transcription factor ets  | PDK4     | A1763378 | 38.3 | 4.5  | 0.6   |
| 34745_at   |   |          | A1347001 | 38.2 | 44.7 | 11.3  |
| 68652_at   |   |          | AF070570 | 38.1 | 14.3 | 8.7   |
| 67259_at   |   |          | A431778  | 38   | 3.8  | 0.6   |
| 51104_at   |   |          | R56235   | 37.9 | 0    | 6.3   |
| 59283_at   | hypothetical protein FLJ20035   |          | A937446  | 37.7 | 10.5 | 22.6  |
| 62130_at   | 28kD interferon responsive protein  |          | AL042790 | 37.5 | 24.6 | 11.4  |
| 38576_at   | H2B histone family, member B  |          | AA651720 | 37.5 | 34   | 40    |
| 33350_s_at | JM5 protein   | H2BFB    | AJ223353 | 37.4 | 13.7 | 16.1  |
| 50124_at   |   |          | Z78315   | 37.4 | 27.2 | 1     |
| 41045_at   | secreted and transmembrane 1  |          | AA580047 | 37.3 | 29.6 | 43.2  |
| 34793_s_at | plastin 3 (T isoform)   | SECTM1   | U77643   | 37.2 | 67.4 | 10.4  |
|            |   | PLS3     | M22299   | 37   | 0    | 60.4  |

Figure 11J



|            |   |          |          |      |      |      |
|------------|---|----------|----------|------|------|------|
| 39070_at   | singed (Drosophila)-like (sea urchin fascin homolog like)                     | SNL      | U03057   | 36.9 | 23.6 | 31   |
| 34476_r_at | epiregulin  | EREG     | D30783   | 36.5 | 0.8  | 12.6 |
| 38389_at   | 2,5'-oligoadenylate synthetase 1 (40.46 kD)                                   | OAS1     | X04371   | 36.5 | 71.8 | 35   |
| 90421_at   | conserved gene amplified in osteosarcoma                                      |          | AA633203 | 36.5 | 35.1 | 8.6  |
| 1343_s_at  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3      | SERPINB3 | S66896   | 36.4 | 0    | 0.3  |
| 48331_at   |   |          | AL041454 | 36.4 | 3    | 16.7 |
| 69876_at   |   |          | AI825713 | 36.1 | 32.1 | 60.3 |
| 55634_at   |   |          | AI040355 | 35.9 | 21   | 3.9  |
| 34916_s_at | tumor necrosis factor receptor superfamily, member 4                          | TNFRSF4  | S76792   | 35.7 | 20.3 | 7.8  |
| 43456_at   | serine/threonine protein kinase MASK  |          | AI299952 | 35.5 | 2.6  | 0    |
| 62214_at   | hypothetical protein FLJ11354   |          | AI583960 | 35.5 | 28.7 | 23.8 |
| 52729_at   | CD44 antigen (homing function and Indian blood group system)                  | CD44     | AA037772 | 35.3 | 3.3  | 0.6  |
| 45256_at   | pre-B-cell colony-enhancing factor  |          | AI271460 | 35.1 | 7.1  | 33.4 |
| 54823_at   |   |          | AI651594 | 35.1 | 30   | 5.8  |
| 56169_at   |   |          | W55852   | 35   | 2.2  | 29.4 |
| 64170_at   |   |          | AI609751 | 35   | 3.2  | 0.5  |
| 32686_at   | prostaglandin E receptor 3 (subtype EP3)                                      | PTGER3   | D86096   | 34.9 | 2.2  | 2.2  |
| 53261_at   |   |          | AI337231 | 34.9 | 10.4 | 1.6  |
| 53100_at   | hypothetical protein FLJ10307   |          | AA747448 | 34.8 | 5.3  | 1.3  |
| 46133_at   |   |          | W60263   | 34.8 | 34.9 | 12.6 |
| 33305_at   | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1      | SERPINB1 | M93056   | 34.7 | 9.2  | 0    |
| 33730_at   | retinoic acid induced 3   | RAI3     | AF095448 | 34.7 | 1.2  | 4.6  |
| 40163_at   | ATP-binding cassette, sub-family B (MDR/TAP), member 2                        | ABCB2    | X57522   | 34.3 | 33   | 40.6 |
| 37294_at   | B-cell translocation gene 1, anti-proliferative                               | BIG1     | X61123   | 34.3 | 15.2 | 8    |
| 36609_at   | solute carrier family 1 (glial high affinity glutamate transporter), member 3 | SLC1A3   | D26443   | 34.2 | 5.8  | 3.4  |
| 51550_at   |   |          | AI681179 | 34   | 13.3 | 22.5 |
| 54769_at   |   |          | AA203416 | 33.9 | 10.8 | 14.7 |
| 52255_s_at | collagen, type V, alpha 3   | COL5A3   | AI984221 | 33.9 | 2.1  | 3.9  |
| 37305_at   | enhancer of zeste (Drosophila) homolog 2                                      | EZH2     | U61145   | 33.6 | 10.9 | 2.4  |
| 53983_at   | hypothetical protein PRO2714  |          | AI139975 | 33.6 | 13.8 | 0.3  |
| 55353_at   |   |          | AA760977 | 33.6 | 6.9  | 6    |
| 848_at     | TNF receptor-associated factor 1  | TRAF1    | U19261   | 33.5 | 9.9  | 5.5  |

Figure 11K

|  |            |  |             |          |      |      |      |
|--|------------|--|-------------|----------|------|------|------|
|  | 46760_r.at |  |             | H38110   | 33.5 | 9.1  | 5.8  |
|  | 52183_at   |  |             | AA243659 | 33.5 | 15.4 | 18.8 |
|  | 73972_at   |  |             | A1863446 | 33.1 | 17.3 | 2.3  |
|  | 52085_at   |  |             | AA210833 | 33.1 | 21   | 30.6 |
|  | 36780_at   | clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J) | CLU         | M25915   | 32.9 | 5    | 8.7  |
|  | 59365_at   |  |             | D59637   | 32.9 | 6.9  | 4.9  |
|  | 56922_at   |  |             | AA211158 | 32.7 | 18.2 | 35.1 |
|  | 51026_at   | hypothetical protein PR00813   |             | N30257   | 32.6 | 3.3  | 0    |
|  | 47484_at   |  |             | H17489   | 32.5 | 22.9 | 8.8  |
|  | 1445_at    | chemokine (C-C motif) receptor-like 2  | CCLRL2      | AF014958 | 32.3 | 6.4  | 3.5  |
|  | 36543_at   | coagulation factor III (thromboplastin, tissue factor)   | F3          | J02931   | 32.3 | 9.9  | 4.2  |
|  | 66529_at   |  |             | AA843926 | 32.2 | 3.6  | 9.8  |
|  | 1633_g.at  | pim-2 oncogene   | PIM2        | U77735   | 32   | 15.7 | 11.4 |
|  | 41635_at   | Wilms' tumour 1-associated protein   |             | D14661   | 31.6 | 6.1  | 18.4 |
|  | 63342_at   | hypothetical protein   | hypoprotein | AA150254 | 31.6 | 2.4  | 23.4 |
|  | 46522_at   |  |             | A1021992 | 31.5 | 0.1  | 14   |
|  | 47113_at   | Kruppel-like factor 5 (intestinal)   | KLF5        | A815057  | 31.5 | 41.2 | 7.2  |
|  | FLN29      | gene product   |             | AB007447 | 31.4 | 36.2 | 36.8 |
|  | 55063_at   | glutamate decarboxylase 1 (brain, 67kD)  | GADI        | AL042399 | 31.4 | 5    | 0    |
|  | 81966_at   |  |             | A1199418 | 31.2 | 19.8 | 24.4 |
|  | 36575_at   | regulator of G-protein signalling 1  | RGS1        | S99049   | 31   | 46.9 | 16.7 |
|  | 33063_at   | glycoprotein Ib (platelet), alpha polypeptide  | GP1BA       | J02940   | 30.9 | 9.1  | 9.4  |
|  | 32518_at   | Zinc finger protein 259  | ZNF259      | AF019767 | 30.5 | 2.7  | 0    |
|  | 53920_at   |  |             | A1655289 | 30.5 | 5.2  | 0.7  |
|  | 36674_at   | small inducible cytokine A4 (homologous to mouse Mip-1b)   | SCYA4       | J04130   | 30.3 | 13.4 | 13.3 |
|  | 42524_at   |  |             | R37337   | 30.1 | 6.4  | 3.6  |
|  | 60835_at   |  |             | A831561  | 30.1 | 9    | 5.6  |
|  | 47076_at   |  |             | W87690   | 29.9 | 2.6  | 3.4  |
|  | 31693_f.at | H2A histone family, member G   | H2AFG       | Z80776   | 29.8 | 16.1 | 30.5 |
|  | 64911_s.at | hypothetical protein FLJ11305  |             | AA854113 | 29.8 | 3.8  | 0    |
|  | 63982_at   | ubiquinol-cytochrome c reductase (6.4kD) subunit   |             | A1480328 | 29.8 | 8.6  | 9.8  |
|  | 40505_at   | ubiquitin-conjugating enzyme E2L 6   | UBE2L6      | AA883502 | 29.7 | 38.7 | 20   |
|  | 75742_at   |  |             | A1870617 | 29.7 | 1.4  | 0    |

Figure 11L

|            |   |       |          |      |      |      |
|------------|---|-------|----------|------|------|------|
| 49339_s_at | reticulocalbin 1, EF-hand calcium binding domain                                | RCN1  | A1817760 | 29.7 | 11.9 | 6.9  |
| 47318_at   |   |       | A1949175 | 29.7 | 5.4  | 1.3  |
| 84909_at   |   |       | AA902134 | 29.7 | 55.3 | 39.5 |
| 38994_at   | STAT induced STAT inhibitor 2   |       | AF037989 | 29.2 | 6.3  | 1.8  |
| 53588_at   |   |       | A1967984 | 29.2 | 4.3  | 33.3 |
| 190_at     | nuclear receptor subfamily 4, group A, member 3                                 | NR4A3 | U12767   | 29.1 | 24.6 | 25.8 |
| 80045_at   |   |       | A1989871 | 29.1 | 26.8 | 12.8 |
| 40362_at   | nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100) | NFKB2 | X61498   | 29   | 11.4 | 5.2  |
| 67764_r_at |   |       | AA004879 | 29   | 4.4  | 11.8 |
| 44729_at   | hypothetical protein FLJ13855   |       | A1027524 | 28.8 | 10.5 | 13.3 |
| 32863_at   | similar to calcium/calmodulin dependent protein kinases                         |       | A1023754 | 28.7 | 7.3  | 1.9  |
| 53010_at   |   |       | A1809925 | 28.6 | 4.2  | 29.8 |
| 36139_at   | DKFZP586G0522 protein   |       | A1050289 | 28.5 | 1.5  | 20.1 |
| 1953_at    | vascular endothelial growth factor  | VEGF  | AF024710 | 28.4 | 6.2  | 7.2  |
| 56999_at   |   |       | A1625959 | 28.4 | 11   | 3.4  |
| 53799_at   | hypothetical protein similar to mouse Dnal1                                     |       | AA628434 | 28.3 | 5    | 0    |
| 89202_at   |   |       | A1347361 | 28.3 | 30.4 | 9.1  |
| 40098_at   | EH domain containing 1  | EHD1  | AF001434 | 28.1 | 0.6  | 3.9  |
| 58941_at   | phosphatidylserine-specific phospholipase A1 alpha                              |       | A1765967 | 28.1 | 24.1 | 11.5 |
| 42769_at   |   |       | N46441   | 27.9 | 0.7  | 0.4  |
| 81887_at   |   |       | A1766826 | 27.8 | 10.9 | 33.8 |
| 44825_at   | RAD50 (S. cerevisiae) homolog   | RAD50 | AA126482 | 27.8 | 17.5 | 30.9 |
| 51278_at   |   |       | A139543  | 27.7 | 2.8  | 2.6  |
| 49670_at   |   |       | W96225   | 27.7 | 2.1  | 0    |
| 37442_at   |   |       | A1050378 | 27.6 | 5    | 11.8 |
| 40268_at   | FOS-like antigen 2  | FOSL2 | X16706   | 27.6 | 1.7  | 2.1  |
| 47971_at   | ferritin, heavy polypeptide 1   | FTH1  | T92243   | 27.6 | 6.3  | 0.8  |
| 54491_at   |   |       | AA043562 | 27.5 | 3    | 3.1  |
| 41872_at   | deafness, autosomal dominant 5  | DFNA5 | AF073308 | 27.4 | 24   | 1.3  |
| 48105_at   | latexin protein   |       | A1672094 | 27.4 | 6.5  | 0.9  |
| 63380_at   | hypothetical protein DKFZp434P0531  |       | A1732727 | 27.4 | 5.9  | 4.9  |
| 56500_at   | junctional adhesion molecule  |       | A1241578 | 27.4 | 3.9  | 0    |
| 65628_at   |   |       | AW023171 | 27.4 | 1.6  | 3.4  |
| 38617_at   | LIM domain kinase 2   | LIMK2 | D45906   | 27.3 | 4.4  | 4    |

Figure 11M

|            |   |  |             |                    |  |      |      |      |
|------------|---|--|-------------|--------------------|--|------|------|------|
| 34777_at   | adrenomedullin  |  | ADM         | D14874             |  | 27.2 | 8.5  | 7.1  |
| 38783_at   | neucin 1, transmembrane   |  | MUC1        | J05581             |  | 27.2 | 36.1 | 3.8  |
| 58873_at   | neuropilin 2  |  | NRP2        | AA778058           |  | 27.2 | 18.8 | 1.1  |
| 49249_s_at |   |  |             |                    |  | 27.1 | 2.8  | 2.5  |
| 44115_at   | hypothetical protein from EUROMAGE 588495   |  |             | AA533079           |  | 27.1 | 3.1  | 3.8  |
| 87497_f_at |   |  |             | AA486504           |  | 27   | 21.1 | 7.7  |
| 56641_at   | liver-expressed antimicrobial peptide   |  |             | A1832016           |  | 27   | 10.1 | 2.5  |
| 52905_at   | Rag C protein   |  |             | A1937227           |  | 26.9 | 14.5 | 19.7 |
| 86581_r_at |   |  |             | A1279898           |  | 26.8 | 2.7  | 35.6 |
| 39263_at   | 2':5'-oligoadenylate synthetase 2   |  |             | AA700110           |  | 26.7 | 28   | 34.8 |
| 43817_f_at | clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J)                                    |  | OAS2<br>CLU | M87434<br>AW008412 |  | 26.7 | 4    | 2    |
| 49117_at   | interferon-induced protein 75: 52kD   |  | IFI75       | A1743445           |  | 26.5 | 24.4 | 71   |
| 52958_at   |   |  |             | N63458             |  | 26.5 | 0.8  | 0    |
| 38970_s_at | Nef-associated factor 1   |  |             | AJ011896           |  | 26.4 | 7.6  | 4.2  |
| 44344_at   | H2B histone family, member L  |  | H2BFL       | AA557205           |  | 26.4 | 3.9  | 0.5  |
| 40496_at   | complement component 1, s subcomponent  |  | C1S         | J04080             |  | 26.3 | 5.6  | 7.9  |
| 52665_at   |   |  |             | H16258             |  | 26.3 | 0.6  | 2.6  |
| 1737_s_at  | insulin-like growth factor-binding protein 4  |  | IGFBP4      | M62403             |  | 26.2 | 72   | 18.6 |
| 46709_at   | hypothetical protein from EUROMAGE 1955967  |  |             | A1807170           |  | 26.2 | 0.8  | 0    |
| 1173_g_at  |   |  |             |                    |  | 26.2 | 15.6 | 19.2 |
| 37018_at   | H1 histone family, member 2   |  | H1F2        | A1189287           |  | 26.1 | 2.3  | 10.1 |
| 41744_at   | tumor necrosis factor alpha-inducible cellular protein containing leucine zipper domains; Huntingtin interacting protein L; transcription factor IIIA-interacting protein |  |             | AF070533           |  | 26   | 45.9 | 21.1 |
| 64733_r_at | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9  |  | SERPINF9    | AA156247           |  | 26   | 12   | 6.4  |
| 48531_at   |   |  |             |                    |  | 26   | 9    | 3.6  |
| 56691_at   |   |  |             | AA522816           |  | 26   | 15.1 | 1.2  |
| 33386_at   | H1 histone family, member 0   |  | H1F0        | A1935202           |  | 25.9 | 19.3 | 1.4  |
| 75000_at   |   |  |             | Z97630             |  | 25.9 | 12.1 | 6.5  |
| 56871_at   |   |  |             | A1735440           |  | 25.7 | 8.6  | 12.8 |
| 59105_at   | mitochondrial solute carrier  |  |             | A1953847           |  | 25.7 | 4.2  | 2.1  |
| 39942_at   | basic leucine zipper transcription factor, ATF-like   |  | BATF        | A1862097           |  | 25.6 | 6.3  | 0    |
|            |   |  |             | AF016898           |  |      |      |      |

Figure 11N



|            |  |          |          |      |      |       |
|------------|--|----------|----------|------|------|-------|
| 35094_f.at | leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3                  | LILRA3   | AF025527 | 23.9 | 2.9  | 1.5   |
| 83874.at   |  |          | AI024818 | 23.9 | 7.8  | 4.4   |
| 46266.at   | serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 8 | SERPINA8 | AI208913 | 23.9 | 15.5 | 9.9   |
| 39422.at   | KIAA0477 gene product  |          | AB007923 | 23.8 | 11.2 | 7.1   |
| 47899.at   |  |          | AA056755 | 23.8 | 16.9 | 13.4  |
| 62217.at   |  |          | T81422   | 23.7 | 7.2  | 15.8  |
| 55334.at   |  |          | AI249019 | 23.7 | 2.3  | 0     |
| 32186.at   | solute carrier family 7 (cationic amino acid transporter, y+ system), member 5                     | SLC7A5   | M80244   | 23.6 | 3.5  | 2.3   |
| 44235.at   |  |          | H82526   | 23.6 | 2    | 9.2   |
| 88550.at   | hypothetical protein FLJ12929  |          | AI468004 | 23.6 | 4.9  | 0     |
| 63017.at   | pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 4       | PLEKHA4  | AA521373 | 23.6 | 0.2  | 49.9  |
| 54744.at   |  |          | AA582287 | 23.5 | 8    | 3     |
| 37032.at   | nicotinamide N-methyltransferase   | NNMT     | U08021   | 23.4 | 0    | 1.2   |
| 32156.at   | poliovirus receptor-related 2 (herpesvirus entry mediator B)                                       | PVRL2    | AF044968 | 23.4 | 5.9  | 8.9   |
| 34481.at   | vav 1 oncogene   | VAV1     | AF030227 | 23.3 | 0    | 0     |
| 37028.at   | growth arrest and DNA-damage-inducible 34  |          | U83981   | 23.2 | 1.9  | 9.8   |
| 41503.at   | KIAA0854 protein   |          | AB020661 | 23.1 | 10.5 | 8.6   |
| 54610.at   |  |          | AI479815 | 23.1 | 4.1  | 9.5   |
| 39839.at   | cold shock domain protein A  | CSDA     | M24069   | 23   | 1.1  | 0     |
| 41142.at   | 3-oxoacid CoA transferase  | OXCT     | U62961   | 23   | 3.7  | 4.5   |
| 35718.at   | interferon-induced protein 41, 30kD  | IFI41    | L22342   | 23   | 37.3 | 14.5  |
| 1779_s.at  | pim-1 oncogene   | PIM1     | M16750   | 23   | 3.5  | 6.6   |
| 34770.at   | mitogen-activated protein kinase kinase kinase 8   | MAP3K8   | Z14138   | 22.9 | 0.6  | 3.3   |
| 41472.at   | phorbol-like protein MDS019  |          | AL078641 | 22.9 | 41   | 25.5  |
| 87811.at   |  |          | AA868517 | 22.9 | 1.1  | 18    |
| 47870_r.at | hypothetical protein DKFp761C169   |          | AW003245 | 22.9 | 4    | 8.8   |
| 908.at     | interferon-induced protein with tetratricopeptide repeats 2  | IFIT2    | M14660   | 22.9 | 34   | 384.9 |
| 88906.at   | KIAA1442 protein   |          | AL110312 | 22.8 | 0    | 1.8   |
| 38281.at   | caspase 7, apoptosis-related cysteine protease   | CASP7    | U67319   | 22.7 | 14.4 | 4.9   |
| 54782.at   |  |          | AI281068 | 22.7 | 6    | 1.1   |
| 87415.at   |  |          | W73083   | 22.7 | 4.8  | 17.3  |

Figure 11P

|            |  |          |          |      |      |      |
|------------|--|----------|----------|------|------|------|
| 38582_at   | serine protease inhibitor, Kazal type 1  | SPINK1   | AI961220 | 22.6 | 0.6  | 10.6 |
| 44906_at   |  |          | AI916646 | 22.6 | 0.7  | 2.1  |
| 84601_at   |  |          | AI469960 | 22.6 | 2.9  | 4    |
| 889_at     | integrin, beta 8   | ITGB8    | M73780   | 22.5 | 2.1  | 1.2  |
| 36526_at   | exostoses (multiple)-like 2  | EXTL2    | AF000416 | 22.5 | 7.5  | 0    |
| 39119_s_at | natural killer cell transcript 4   |          | AA631972 | 22.5 | 34.2 | 10.5 |
| 56979_at   |  |          | AA133395 | 22.5 | 3.4  | 3.4  |
| 35036_at   | complement component C1q receptor  |          | U94333   | 22.4 | 1.2  | 0.9  |
| 41451_s_at | SAR1 protein   |          | W28498   | 22.3 | 2.8  | 3.6  |
| 64930_at   | FN5 protein  |          | AA587944 | 22.3 | 15.6 | 3.9  |
| 35957_at   | stannin  | SNN      | AF030196 | 22.2 | 16.3 | 1.1  |
| 68355_at   |  |          | AI655376 | 22.2 | 0    | 0.7  |
| 49364_at   |  |          | AL041551 | 22.2 | 1.7  | 2.7  |
| 946_at     | t-complex-associated: testis-expressed 1-like 1                                    | TCTEL1   | D50663   | 22.1 | 20.3 | 12.3 |
| 47544_at   |  |          | AA741324 | 22.1 | 4.8  | 5.3  |
| 80151_at   |  |          | AA031832 | 22   | 0.7  | 0.3  |
| 46175_i_at |  |          | AA552969 | 22   | 8    | 3    |
| 36453_at   | KIAA0711 gene product  |          | AB018254 | 21.9 | 1.1  | 0.3  |
| 68002_at   |  |          | AA503803 | 21.9 | 17.2 | 13.1 |
| 92145_at   |  |          | AI703103 | 21.9 | 13.4 | 27.4 |
| 32529_at   | transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment |          | X69910   | 21.7 | 23.9 | 6.8  |
| 38272_at   | MKP-1 like protein tyrosine phosphatase  |          | AF038844 | 21.7 | 2    | 0    |
| 62939_at   |  |          | D12309   | 21.7 | 16.6 | 4    |
| 69197_r_at |  |          | AA508552 | 21.6 | 6.1  | 0    |
| 44087_at   | HSPC018 protein  |          | AI279029 | 21.5 | 20.8 | 2.1  |
| 58605_at   | DNA segment on chromosome X (unique) 9928 expressed sequence                       | DXS9928E | AI697939 | 21.5 | 20.6 | 9.4  |
| 44092_at   |  |          | AI862887 | 21.3 | 17.7 | 5.5  |
| 51016_s_at | phosphoserine aminotransferase   |          | AI971498 | 21.3 | 13.6 | 5.9  |
| 1508_at    | integrin, alpha 9  | ITGA9    | D25303   | 21.2 | 0    | 0.4  |
| 39660_at   | defensin, beta 1   | DEFB1    | AI309115 | 21.1 | 7.8  | 15.1 |
| 91587_at   |  |          | AI554946 | 21.1 | 4    | 1.9  |
| 51092_at   | putative zinc finger protein NY-REN-34 antigen                                     |          | AI950095 | 21.1 | 14.6 | 8.5  |
| 53757_at   |  |          | AA131524 | 21.1 | 1.8  | 3.6  |

Figure 11Q





|            |   |  |        |          |      |      |       |
|------------|---|--|--------|----------|------|------|-------|
| 53727_at   |   |  |        | AI768608 | 20   | 7.8  | 1.7   |
| 61130_at   |   |  |        | AI674404 | 20   | 3.3  | 1.9   |
| 50296_l_at | apolipoprotein L 3  |  | APOL3  | T63428   | 20   | 24.4 | 12.1  |
| 33243_at   | TNF-induced protein   |  |        | AF099935 | 19.9 | 2.6  | 7.8   |
| 39640_at   | glutamine-fructose-6-phosphate transaminase 2                           |  | GFPT2  | AB016789 | 19.9 | 0    | 4.4   |
| 48276_at   |   |  |        | AI275691 | 19.9 | 6.6  | 2     |
| 318_at     | H1 histone family, member X   |  | H1FX   | D64142   | 19.8 | 7.9  | 3     |
| 269_at     | 2'-5'-oligoadenylate synthetase-like                                    |  | OASL   | L40387   | 19.8 | 6.9  | 119.4 |
| 63332_at   |   |  |        | AA127696 | 19.8 | 11.7 | 11.4  |
| 51155_at   |   |  |        | AL043669 | 19.8 | 6.2  | 8.7   |
| 53995_at   | hypothetical protein  |  |        | AI346913 | 19.8 | 1.1  | 4     |
| 54310_at   |   |  |        | AA975511 | 19.7 | 1    | 2     |
| 45785_at   | DKFZP566B1346 protein   |  |        | AL040982 | 19.7 | 8.6  | 3.4   |
| 74908_at   | interferon-induced protein 35   |  | IFI35  | AW026462 | 19.7 | 35.8 | 8.9   |
| 64449_at   |   |  |        | AI810399 | 19.7 | 5.7  | 3.4   |
| 40388_at   | discs, large (Drosophila) homolog-associated protein 1                  |  | DLGAP1 | AB000277 | 19.6 | 2.1  | 0.1   |
| 84220_at   |   |  |        | AI373122 | 19.6 | 0.1  | 1.1   |
| 32965_f_at | heat shock 70kD protein 1B  |  | HSPA1B | W28645   | 19.5 | 0    | 2.2   |
| 38010_at   | BCL2/adenovirus E1B 19kD-interacting protein 3                          |  | BNIP3  | AF002697 | 19.5 | 5.8  | 0.2   |
| 35463_at   | homeo box (expressed in ES cells) 1                                     |  | HESX1  | AF059734 | 19.4 | 20.3 | 40.2  |
| 71787_r_at |   |  |        | AI312358 | 19.4 | 14.4 | 0.5   |
| 34039_at   | lymphocyte antigen 94 (mouse) homolog (activating NK-receptor ; NK-p46) |  | LY94   | AJ001383 | 19.3 | 0    | 0.8   |
| 65738_at   | TERA protein  |  |        | AA126787 | 19.3 | 10.8 | 1.4   |
| 32640_at   | intercellular adhesion molecule 1 (CD54), human rhinovirus receptor     |  | ICAM1  | M24283   | 19.2 | 5.5  | 1.4   |
| 88541_at   |   |  |        | AI800735 | 19.2 | 0.2  | 0     |
| 91017_at   | baculoviral IAP repeat-containing 3                                     |  | BIRC3  | U54711   | 19.2 | 19.6 | 3     |
| 63742_r_at | KIAA0635 gene product   |  |        | AA910186 | 19.2 | 1.5  | 3.4   |
| 45602_at   |   |  |        | AA195108 | 19.2 | 1.3  | 2     |
| 48018_at   |   |  |        | AA700227 | 19.1 | 31.1 | 9.3   |
| 49283_at   |   |  |        | AA158597 | 19.1 | 10.1 | 0.9   |
| 52696_at   |   |  |        | AW024937 | 19.1 | 14.9 | 1.8   |
| 37615_at   | growth factor receptor-bound protein 10                                 |  | GRB10  | D86962   | 19   | 3.9  | 60.3  |
| 51771_at   |   |  |        | AA284560 | 19   | 2.9  | 1.5   |

Figure 11S

|            |  |         |  |          |      |      |      |
|------------|--|---------|--|----------|------|------|------|
| 55830_at   |  |         |  | AA058686 | 19   | 13.5 | 8.8  |
| 82933_at   |  |         |  | AI312873 | 18.9 | 12   | 0.8  |
| 54759_at   |  |         |  | AI291314 | 18.9 | 3.7  | 1.5  |
| 44744_at   | solute carrier family 12 (potassium/chloride transporters), member 7                               | SLC12A7 |  | AI816843 | 18.9 | 1.9  | 0    |
| 82588_at   | CASP8 and FADD-like apoptosis regulator  | CFLAR   |  | AI302459 | 18.9 | 11.6 | 1.6  |
| 38555_at   | dual specificity phosphatase 10  | DUSP10  |  | AB026436 | 18.8 | 7.8  | 11.2 |
| 189_s_at   | plasminogen activator, urokinase receptor  | PLAUR   |  | U09937   | 18.8 | 3.3  | 5.3  |
| 48740_s_at | novel retinal pigment epithelial gene  |         |  | AI973108 | 18.7 | 5.4  | 4.1  |
| 48081_at   | myristoylated alanine-rich protein kinase C substrate (MARCKS, 80k-L)                              | MACS    |  | AA131320 | 18.7 | 7.3  | 8.2  |
| 36578_at   | baculoviral IAP repeat-containing 2  | BIRC2   |  | U37547   | 18.6 | 4.9  | 13.5 |
| 73776_at   |  |         |  | AI554044 | 18.6 | 13.5 | 14.8 |
| 53831_at   | hypothetical protein DKFZp434F2322   |         |  | AI632223 | 18.6 | 2.7  | 0.3  |
| 49626_at   | Alg5, S. cerevisiae, homolog of  |         |  | AA425251 | 18.6 | 4.7  | 3.8  |
| 47533_at   |  |         |  | AI982765 | 18.6 | 12.9 | 14   |
| 38971_r_at | Nef-associated factor 1  |         |  | AJ011896 | 18.5 | 5.4  | 1.5  |
| 39616_at   |  |         |  | AL050227 | 18.5 | 0    | 4.8  |
| 32222_at   | LR8 protein  |         |  | AA152202 | 18.5 | 14.2 | 4    |
| 73130_s_at | cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)                                | CDKN2A  |  | AI989792 | 18.5 | 2.6  | 4.9  |
| 1125_s_at  |  |         |  |          |      |      |      |
| 44207_at   | CD44 antigen (homing function and Indian blood group system)                                       | CD44    |  | L05424   | 18.5 | 0.6  | 1    |
| 62113_at   |  |         |  | AI422986 | 18.5 | 5.7  | 5    |
| 62561_at   | DnaJ (Hsp40) homolog, subfamily B, member 4  | DNAJB4  |  | AI674731 | 18.5 | 2.5  | 1.7  |
| 53497_at   | integrin, beta 8   | ITGB8   |  | AI741503 | 18.5 | 4.6  | 26.4 |
| 57733_at   |  |         |  | AI129512 | 18.5 | 2    | 0.6  |
| 61428_at   |  |         |  | AI652899 | 18.5 | 8.5  | 1.6  |
| 1292_at    | dual specificity phosphatase 2   | DUSP2   |  | AW014148 | 18.5 | 0.9  | 0.4  |
| 40074_at   | methylene tetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase | MTHFD2  |  | L11329   | 18.4 | 2.6  | 4    |
| 1702_at    | interleukin 2 receptor, alpha  |         |  | X16396   | 18.4 | 21   | 0    |
| 34877_at   | Janus kinase 1 (a protein tyrosine kinase)   | IL2RA   |  | X01057   | 18.4 | 0.2  | 1.8  |
| 79520_at   |  | JAK1    |  | AL039831 | 18.4 | 13.2 | 2.9  |
| 32193_at   | plexin C1  |         |  | AW022213 | 18.4 | 8.8  | 8    |
|            |  | PLXNC1  |  | AF030339 | 18.3 | 38   | 9.3  |

Figure 11T

|            |   |         |  |  |  |  |
|------------|---|---------|--|--|--|--|
| 36825_at   | stimulated trans-acting factor (50 kDa)   |         |  |  |  |  |
| 48766_at   | hypothetical protein FLJ23231   |         |  |  |  |  |
| 53489_at   |   |         |  |  |  |  |
| 36918_at   | guanylate cyclase 1, soluble, alpha 3   |         |  |  |  |  |
| 89756_at   |   | GUCY1A3 |  |  |  |  |
| 64285_at   |   |         |  |  |  |  |
| 46629_at   |   |         |  |  |  |  |
| 44972_at   | hypothetical protein FLJ12154   |         |  |  |  |  |
| 51510_r_at |   |         |  |  |  |  |
| 34718_at   | insulin-like growth factor 1 receptor   |         |  |  |  |  |
| 44251_at   |   | IGF1R   |  |  |  |  |
| 38787_at   | promyelocytic leukemia  |         |  |  |  |  |
| 77265_f_at |   | PML     |  |  |  |  |
| 53578_at   |   |         |  |  |  |  |
| 1203_at    |   |         |  |  |  |  |
| 34965_at   | cystatin F (leukocystatin)  |         |  |  |  |  |
| 34304_s_at | spermidine/spermine N1-acetyltransferase  |         |  |  |  |  |
| 48091_at   |   |         |  |  |  |  |
| 64530_at   |   |         |  |  |  |  |
| 42721_at   |   |         |  |  |  |  |
| 63390_at   | KIAA0603 gene product   |         |  |  |  |  |
| 47434_at   |   |         |  |  |  |  |
| 35682_at   |   |         |  |  |  |  |
| 61778_at   | sterile-alpha motif and leucine zipper containing kinase AZK                              |         |  |  |  |  |
| 59009_at   |   |         |  |  |  |  |
| 43478_at   | hypothetical protein FLJ20373   |         |  |  |  |  |
| 58180_at   | KIAA0942 protein  |         |  |  |  |  |
| 37823_at   | small inducible cytokine subfamily A (Cys-Cys), member 8 (monocyte chemotactic protein 2) |         |  |  |  |  |
| 35230_at   | hypothetical protein, clone 24751   |         |  |  |  |  |
| 38315_at   | retinaldehyde dehydrogenase 2   |         |  |  |  |  |
| 50026_at   | SAM domain, SH3 domain and nuclear localisation signals, 1                                |         |  |  |  |  |
| 55441_r_at |   |         |  |  |  |  |
| 45561_at   |   |         |  |  |  |  |
| 35702_at   | hydroxysteroid (11-beta) dehydrogenase 1  |         |  |  |  |  |

Figure 11U

|            |  |          |          |      |      |      |
|------------|--|----------|----------|------|------|------|
| 35153_at   | Nijmegen breakage syndrome 1 (nibrin)  | NBS1     | AF058696 | 17.1 | 10.8 | 2.5  |
| 182_at     | inositol 1,4,5-trisphosphate receptor, type 3  | ITPR3    | U01062   | 17.1 | 0.2  | 6.3  |
| 38040_at   | splicing factor 30, survival of motor neuron-related   |          | AF107463 | 17.1 | 2.2  | 3.1  |
| 39108_at   | lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)   | LSS      | U22526   | 17.1 | 14.6 | 4.4  |
| 50361_at   |  |          | AI658662 | 17.1 | 24.2 | 11.4 |
| 55588_at   | hypothetical protein FLJ13868  |          | AI814485 | 17.1 | 3.4  | 1.7  |
| 167_at     | eukaryotic translation initiation factor 5   | EIF5     | U49436   | 17   | 4.3  | 0    |
| 35238_at   | TNF receptor-associated factor 5   | TRAF5    | AB000509 | 17   | 5    | 0    |
| 1461_at    | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha                              | NFKBIA   | M69043   | 17   | 4.9  | 6.3  |
| 76847_at   |  |          | AI951161 | 17   | 1.9  | 3.4  |
| 54029_at   |  |          | AA948385 | 17   | 6.2  | 4    |
| 70591_at   | hypothetical protein FLJ21162  |          | AI046389 | 17   | 0.4  | 0.3  |
| 56331_at   | hypothetical protein FLJ20559  |          | AA478923 | 17   | 3.7  | 1.4  |
| 40082_at   | fatty acid-Coenzyme A ligase, long chain 2   |          | D10040   | 16.9 | 11.5 | 6.5  |
| 39993_at   | phosphatidylinositol glycan, class A (paroxysmal nocturnal hemoglobinuria)                                       | PIGA     | D11466   | 16.9 | 8.5  | 5.8  |
| 52786_at   |  |          | AI266042 | 16.9 | 0.7  | 9    |
| 48372_at   |  |          | AA318275 | 16.9 | 6.3  | 3.8  |
| 53773_at   | tumor necrosis factor (ligand) superfamily, member 13b   | TNFSF13B | AA682496 | 16.9 | 17.6 | 11.2 |
| 64403_at   |  |          | AA195829 | 16.9 | 0.2  | 0.7  |
| 54063_at   |  |          | AI801777 | 16.9 | 4.4  | 6.2  |
| 69573_at   |  |          | AI718148 | 16.9 | 7.1  | 3.6  |
| 41386_i_at | KIA03346 protein   |          | AB002344 | 16.8 | 4.5  | 0.5  |
| 40635_at   | flotillin 1  |          | AF089750 | 16.8 | 13.6 | 1.2  |
| 36671_at   | asparagine synthetase  | FLOT1    |          | 16.8 | 9.8  | 3.2  |
| 33823_at   | CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II) | ASNS     | M27396   | 16.8 | 30.9 | 9.5  |
| 55776_at   |  | CD36L2   | D12676   | 16.8 |      |      |
| 56805_at   |  |          | W20082   | 16.8 | 26.9 | 17.7 |
| 64769_at   |  |          | N52761   | 16.8 | 10.4 | 14.1 |
| 32668_at   | single-stranded-DNA-binding protein  |          | AI298599 | 16.8 | 5.1  | 2.9  |
| 40960_at   | UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1   |          | AL080076 | 16.7 | 4.5  | 3.8  |
|            |  | B4GALT1  | D29805   | 16.7 | 4.9  | 3.9  |
| 196_s_at   | caspase 5, apoptosis-related cysteine protease   | CASP5    | U28015   | 16.7 | 0.2  | 9.4  |

Figure 11V

|            |   |  |          |          |      |      |      |
|------------|---|--|----------|----------|------|------|------|
| 67401_at   |   |  |          | A434675  | 16.7 | 16.1 | 6.4  |
| 55629_at   |   |  |          | AL040635 | 16.7 | 9.7  | 9.2  |
| 38797_at   | KIAA0062 protein  |  |          | D31887   | 16.6 | 0    | 2.3  |
| 58242_at   | solute carrier family 21 (organic anion transporter), member 11                   |  | SLC21A11 | AA053855 | 16.6 | 2.5  | 0    |
| 54819_r_at |   |  |          | AI720898 | 16.6 | 6.1  | 1.3  |
| 46655_at   | transcription factor (SMIF gene)  |  |          | AA131327 | 16.6 | 8    | 14.5 |
| 39986_at   | DKFZP586D0919 protein   |  |          | AL050100 | 16.5 | 4.2  | 4.9  |
| 37933_at   | retinoblastoma-binding protein 6  |  | RBBP6    | X85133   | 16.5 | 2.8  | 61.5 |
| 81932_at   |   |  |          | AI659966 | 16.5 | 8.6  | 0    |
| 79721_at   |   |  |          | AI733197 | 16.5 | 11.6 | 56.6 |
| 52675_at   |   |  |          | AI581142 | 16.5 | 7.4  | 3.6  |
| 50375_at   |   |  |          | AI091460 | 16.5 | 4.1  | 1.2  |
| 37416_at   | ras homolog gene family, member H   |  | ARHG     | Z35227   | 16.4 | 15.5 | 11.5 |
| 39064_at   | 5,10-methylenetetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase) |  | MTHFS    | L38928   | 16.4 | 2.4  | 16.3 |
| 35785_at   | trinucleotide repeat containing 15  |  | TNRC15   | W28281   | 16.4 | 3.3  | 3.8  |
| 79053_at   |   |  |          | AI962796 | 16.4 | 4.3  | 1.6  |
| 48556_at   | HIV TAT specific factor 1   |  | HTATSF1  | AA581365 | 16.4 | 6.4  | 4.2  |
| 86536_at   |   |  |          | AI740796 | 16.4 | 8.8  | 1.7  |
| 55692_at   | hypothetical protein FLJ11656   |  |          | W22924   | 16.4 | 4.3  | 2.7  |
| 35937_at   | MHC class I polypeptide-related sequence B  |  | MICB     | U65416   | 16.3 | 17.2 | 32.3 |
| 75007_at   |   |  |          | AI079327 | 16.3 | 3.3  | 0.1  |
| 80084_at   |   |  |          | AI889019 | 16.3 | 5.6  | 0.8  |
| 54990_at   | hypothetical protein  |  |          | AW009586 | 16.3 | 6    | 8.2  |
| 52062_f.at |   |  |          | H98105   | 16.3 | 22.9 | 6.4  |
| 35113_at   | solute carrier family 22 (organic cation transporter), member 1                   |  | SLC22A1  | X98332   | 16.2 | 1.8  | 10.1 |
| 31883_at   | 5-methyltetrahydrofolate-homocysteine methyltransferase reductase                 |  | MTRR     | AF025794 | 16.2 | 5.2  | 0    |
| 35275_at   | adaptor-related protein complex 1, gamma 1 subunit                                |  | AP1G1    | AL050025 | 16.2 | 0.6  | 0.3  |
| 53661_at   |   |  |          | AL038450 | 16.2 | 5    | 5.2  |
| 36398_at   |   |  |          | W28729   | 16.1 | 1.1  | 25.8 |
| 49353_at   | hypothetical protein FLJ20216   |  |          | AI927837 | 16.1 | 0.3  | 0    |
| 72808_at   |   |  |          | AI640523 | 16.1 | 6.1  | 32.6 |
| 39723_at   | cullin 1  |  | CUL1     | AF062536 | 16   | 6.5  | 4.8  |
| 296_at     | tubulin, beta polypeptide   |  | TUBB     | X79535   | 16   | 12.7 | 5    |

Figure 11W

|            |   |  |         |          |      |      |      |
|------------|---|--|---------|----------|------|------|------|
| 41021_s_at | glycerol 3-phosphate dehydrogenase 2 (mitochondrial)  |  | GPD2    | U36310   | 16   | 10.7 | 9.1  |
| 46550_at   | similar to mouse Xrn1 / Dhm2 protein  |  |         | W01997   | 16   | 11.3 | 4.5  |
| 40906_at   | integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide) |  | ITGAL   | AC002310 | 15.9 | 9.2  | 1    |
| 39988_at   | ATP-binding cassette, sub-family B (MDR/TAP), member 3  |  | ABCB3   | M74447   | 15.9 | 8.5  | 3    |
| 36600_at   | proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)                                      |  | PSME1   | L07633   | 15.9 | 19.1 | 6.7  |
| 39351_at   | CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)   |  | CD59    | M84349   | 15.9 | 5.8  | 0.4  |
| 344_s_at   | 2',3'-cyclic nucleotide 3' phosphodiesterase  |  | CNP     | D13146   | 15.9 | 6.3  | 1.6  |
| 35149_at   | tumor necrosis factor receptor superfamily, member 5  |  | TNFRSF5 | A1865431 | 15.8 | 11.1 | 6.1  |
| 745_at     | transcription elongation factor A (SII), 2  |  | TCEA2   | D50495   | 15.8 | 4.9  | 1.2  |
| 85724_at   |   |  |         | A1634355 | 15.8 | 5.3  | 2.2  |
| 45143_at   |   |  |         | AA160973 | 15.8 | 4.9  | 0.2  |
| 55081_at   | hypothetical protein BA395L14.2   |  |         | W46406   | 15.8 | 3.3  | 0    |
| 39755_at   | X-box binding protein 1   |  | XBP1    | Z93930   | 15.7 | 2.1  | 18.8 |
| 43391_at   | porcupine   |  |         | AW002763 | 15.7 | 5.9  | 1.8  |
| 82359_at   |   |  |         | A1347618 | 15.7 | 26.5 | 44.6 |
| 40088_at   | nuclear receptor interacting protein 1  |  | NRIP1   | X84373   | 15.6 | 9.9  | 8.5  |
| 31637_s_at | nuclear receptor subfamily 1, group D, member 1   |  | NR1D1   | X72631   | 15.6 | 1.9  | 4.8  |
| 45748_at   | SAR1 protein  |  |         | A1143121 | 15.6 | 1.9  | 8.9  |
| 57300_at   | hypothetical protein FLJ11000   |  |         | A1823982 | 15.6 | 14.6 | 3.5  |
| 40767_at   | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)                        |  | TFPI    | M59499   | 15.5 | 3.2  | 1.2  |
| 86261_at   |   |  |         | AA017070 | 15.5 | 12.3 | 7.8  |
| 38006_at   | CD48 antigen (B-cell membrane protein)  |  | CD48    | M37766   | 15.4 | 21.6 | 9.8  |
| 40755_at   | MHC class I polypeptide-related sequence A  |  | MICA    | X92841   | 15.4 | 8    | 13.9 |
| 69589_at   |   |  |         | A1743005 | 15.4 | 14.3 | 42.7 |
| 70631_at   |   |  |         | AA628024 | 15.4 | 1.1  | 0    |
| 56278_at   |   |  |         | A1692445 | 15.4 | 6.3  | 58   |
| 63307_at   | KIAA1184 protein  |  |         | AL041566 | 15.3 | 2.5  | 4.6  |
| 75183_at   | signal transducer and activator of transcription 5A   |  | STAT5A  | A1990633 | 15.3 | 8    | 0    |
| 42933_at   |   |  |         | T95101   | 15.3 | 4.8  | 11.4 |
| 1052_s_at  | CCAAT/enhancer binding protein (C/EBP), delta   |  | CEBPD   | M83667   | 15.2 | 3    | 7    |

Figure 11X

| 38287_at   | proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional protease 2) | PSMB9    | AA808961 | 15.2 | 15.8 | 3    |
|------------|--|----------|----------|------|------|------|
| 73800_at   |  |          | A1890347 | 15.2 | 2.3  | 0.9  |
| 80408_at   | ribosomal protein L37a   | RPL37A   | AA961504 | 15.2 | 0.3  | 0    |
| 64879_at   | heparan sulfate 6-O-sulfotransferase   | HS6ST    | AA206625 | 15.2 | 0.2  | 0    |
| 37732_at   | RING1 and YY1 binding protein  | RYBP     | AI049940 | 15.1 | 4.6  | 5.3  |
| 81726_at   |  |          | A1885498 | 15.1 | 10.7 | 7.2  |
| 63984_f.at |  |          | AA535914 | 15   | 16.4 | 9.2  |
| 80945_f.at |  |          | AI440145 | 15   | 12.7 | 2.5  |
| 48039_at   |  |          | AI634580 | 15   | 16.9 | 9.4  |
| 51842_at   |  |          | AI570531 | 15   | 2.9  | 7.3  |
| 41237_at   | major histocompatibility complex, class I, A   | HLA-A    | D32129   | 14.9 | 9.7  | 5.6  |
| 63032_at   |  |          | AI653152 | 14.9 | 3.1  | 1.1  |
| 81035_i.at |  |          | AI573275 | 14.8 | 7.8  | 1.9  |
| 56850_at   |  |          | R08417   | 14.8 | 3.5  | 1.2  |
| 87002_i.at |  |          | AI270476 | 14.8 | 28.7 | 63.7 |
| 51923_at   | sphingosine kinase 1   | SPHK1    | AI769914 | 14.8 | 3    | 1.6  |
| 40556_at   | reticulocalbin 1, EF-hand calcium binding domain   | RON1     | D42073   | 14.7 | 9.7  | 5.4  |
| 77564_at   |  |          | AI694316 | 14.7 | 0.5  | 2.2  |
| 62266_at   | hypothetical protein FLJ21079  |          | AI339505 | 14.7 | 6.1  | 1.7  |
| 72553_at   |  |          | AI335361 | 14.7 | 4.2  | 3.4  |
| 52831_at   |  |          | AI160811 | 14.7 | 0    | 29.8 |
| 55051_at   |  |          | AA005281 | 14.7 | 16.7 | 12.4 |
| 51672_f.at |  |          | AI161358 | 14.7 | 5.7  | 16.9 |
| 40957_at   | KIAA0160 protein   | KIAA0160 | D63881   | 14.6 | 17.7 | 5    |
| 33804_at   | protein tyrosine kinase 2 beta   | PTK2B    | U43522   | 14.6 | 13.4 | 5    |
| 70634_at   |  |          | AW007125 | 14.6 | 1.3  | 1.3  |
| 44008_at   |  |          | AI921877 | 14.6 | 3.1  | 1.3  |
| 53389_at   |  |          | H70631   | 14.6 | 1.9  | 3.7  |
| 34726_at   | calcium channel, voltage-dependent, beta 3 subunit                                       | CACNB3   | U07139   | 14.5 | 0.1  | 3.3  |
| 32533_s.at | vesicle-associated membrane protein 5 (myobrevin)  | VAMP5    | AF054825 | 14.5 | 39.7 | 13.4 |
| 78077_at   |  |          | AI125204 | 14.5 | 6    | 3    |
| 44728_at   |  |          | AI819734 | 14.5 | 1.5  | 2.5  |
| 46699_at   |  |          | AI052110 | 14.5 | 0.2  | 4.2  |
| 36980_at   | proline-rich protein with nuclear targeting signal                                       |          | U03105   | 14.4 | 2.2  | 3.4  |

Figure 11Y





|            |  |        |          |      |      |      |
|------------|--|--------|----------|------|------|------|
| 41532_at   | zinc finger protein 151 (pH2.67)   | ZNF151 | Y09723   | 13.8 | 5.4  | 4.2  |
| 259_s_at   | lymphotoxin alpha (TNF superfamily, member 1)                                    | LTA    | M16441   | 13.8 | 2.9  | 8    |
| 40339_at   | gamma-aminobutyric acid (GABA) A receptor, pi                                    | GABRP  | U95367   | 13.8 | 0.5  | 5.2  |
| 62314_at   |  |        | H04394   | 13.8 | 3.7  | 4.6  |
| 48062_at   |  |        | AA418490 | 13.8 | 0.1  | 13   |
| 51508_at   |  |        | T92882   | 13.7 | 7.2  | 9.7  |
| 56832_at   |  |        | A1871408 | 13.7 | 6.9  | 12.3 |
| 48099_at   |  |        | AA005023 | 13.7 | 14.8 | 4.6  |
| 74566_at   | insulin-like growth factor-binding protein 4                                     | IGFBP4 | A1440424 | 13.7 | 75.4 | 14.1 |
| 58935_s_at | hypothetical protein MGC5363   |        | AW008462 | 13.7 | 1.1  | 2.5  |
| 71889_at   |  |        | A1968055 | 13.7 | 0.7  | 0.6  |
| 73235_at   | guanylate binding protein 1, interferon-inducible, 67kD                          | GBP1   | AW014593 | 13.7 | 8.7  | 1.7  |
| 289_at     | signal transducer and activator of transcription 3 (acute-phase response factor) | STAT3  | L29277   | 13.6 | 6.9  | 2.2  |
| 37393_at   | hairy (Drosophila)-homolog   | HRY    | L19314   | 13.6 | 0    | 0.6  |
| 88283_at   |  |        | A1961740 | 13.6 | 1.8  | 0.5  |
| 734_at     | mucin 4, tracheobronchial  | MUC4   | M64594   | 13.6 | 1.7  | 7.8  |
| 45606_at   |  |        | A4846692 | 13.6 | 0    | 0.2  |
| 38463_s_at | adenosine monophosphate deaminase (isoform E)                                    | AMPD3  | U29926   | 13.6 | 2.6  | 0.1  |
| 32069_at   | KIAA0615 gene product  |        | AB014515 | 13.5 | 7.4  | 10   |
| 77134_at   |  |        | AA939344 | 13.5 | 4.3  | 1    |
| 78072_at   |  |        | A1743607 | 13.5 | 1.1  | 11.7 |
| 57670_at   | phosphoprotein associated with GEMs  |        | A1860212 | 13.5 | 4.8  | 1.2  |
| 52167_at   |  |        | AA151346 | 13.5 | 12.1 | 11.7 |
| 56671_at   | lipase, endothelial  | LIPG   | N29319   | 13.5 | 1.1  | 1.6  |
| 46043_f_at |  |        | AW009767 | 13.5 | 1.1  | 3.6  |
| 54968_at   | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)                       | HMGCS1 | AL048840 | 13.5 | 2    | 0    |
| 38207_at   |  |        | AW006742 | 13.4 | 6.4  | 12.4 |
| 37360_at   | lymphocyte antigen 6 complex, locus E  | LY6E   | U66711   | 13.4 | 13.6 | 8.3  |
| 61118_at   |  |        | A1983632 | 13.4 | 8.3  | 3.1  |
| 44795_at   | STAT induced STAT inhibitor-2  |        | A1129818 | 13.4 | 1.1  | 2.8  |
| 44296_at   |  |        | T62969   | 13.4 | 1.2  | 3.4  |
| 42362_at   | CCAAT/enhancer binding protein (C/EBP), delta                                    | CEBPD  | A1633245 | 13.4 | 3.1  | 3.4  |
| 41474_at   | kinesin heavy chain member 2   | KIF2   | Y08319   | 13.3 | 24.6 | 7.3  |
| 67329_at   | hypothetical protein FLJ22833  |        | AA610377 | 13.3 | 5.1  | 0.8  |

Figure 11AA

|            |   |  |  |          |      |       |      |
|------------|---|--|--|----------|------|-------|------|
| 51024_at   |   |  |  | AI400509 | 13.3 | 17.3  | 7.2  |
| 51030_at   |   |  |  | AA843962 | 13.3 | 6.1   | 2.2  |
| 46238_at   |   |  |  | AI193110 | 13.3 | 1.4   | 0    |
| 32150_at   | golgi autoantigen, golgin subfamily a. 4  |  |  | X82834   | 13.2 | 4.8   | 2.2  |
| 36776_at   | lymphocyte-activation gene 3  |  |  | LAG3     | 13.2 | 148.7 | 69.7 |
| 33106_at   | nuclear receptor subfamily 1, group H, member 3   |  |  | NR1H3    | 13.2 | 18.1  | 18   |
| 66903_r_at |   |  |  | AI002222 | 13.2 | 2.2   | 2.6  |
| 42803_at   | E2F transcription factor 5, p130-binding  |  |  | E2F5     | 13.2 | 3.2   | 2.2  |
| 48097_at   | transmembrane protein with EGF-like and two follistatin-like domains 1                          |  |  | TMEFF1   | 13.2 | 8.8   | 0    |
| 46712_at   |   |  |  | W63773   | 13.2 | 2.4   | 9.7  |
| 32684_at   |   |  |  | AF038174 | 13.1 | 15.5  | 2.9  |
| 1170_at    | colony stimulating factor 1 (macrophage)  |  |  | CSF1     | 13.1 | 6.9   | 3.2  |
| 36103_at   | small inducible cytokine A3 (homologous to mouse Mip-1a)  |  |  | SCYA3    | 13.1 | 6.1   | 7.6  |
| 62367_at   |   |  |  | AI220446 | 13.1 | 0.3   | 2.6  |
| 45583_at   |   |  |  | AA602585 | 13.1 | 0.9   | 5.9  |
| 64189_at   | DKFZP564J0863 protein   |  |  | W60080   | 13.1 | 4.1   | 0    |
| 51220_at   | small EDRK-rich factor 1A (telomeric)   |  |  | SERF1A   | 13.1 | 4.7   | 3.6  |
| 53102_s_at | CGI-22 protein  |  |  | AA627551 | 13.1 | 2.6   | 0    |
| 55518_at   | tachykinin 3 (neuromedin K, neurokinin beta)  |  |  | TAC3     | 13.1 | 4.2   | 14.6 |
| 56080_at   |   |  |  | AI703473 | 13.1 | 12.8  | 8.3  |
| 37324_at   | transferrin receptor (p90, CD71)  |  |  | TFRC     | 13   | 7.7   | 1.3  |
| 83568_at   |   |  |  | X01060   | 13   | 0.6   | 5.1  |
| 60504_at   |   |  |  | R06436   | 13   | 3.8   | 4.5  |
| 63785_at   | Mitochondrial Acyl-CoA Thioesterase   |  |  | AI859849 | 13   | 15.4  | 3.2  |
| 44838_at   | hypothetical protein FLJ12752   |  |  | AI074605 | 13   | 4     | 3.1  |
| 65895_at   | DKFZP564A2416 protein   |  |  | AI271348 | 13   | 17    | 1.2  |
| 41469_at   | protease inhibitor 3, skin-derived (SKALP)  |  |  | PI3      | 12.9 | 0.4   | 5.4  |
| 40061_at   | pleiomorphic adenoma gene-like 2  |  |  | PLAGL2   | 12.9 | 2     | 2.9  |
| 40137_at   | protein tyrosine phosphatase, non-receptor type 1   |  |  | PTPN1    | 12.9 | 5.3   | 5.2  |
| 36484_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 3 (GalNAc-T3) |  |  | GALNT3   | 12.9 | 5.5   | 8.4  |
| 35992_at   | musculin (activated B-cell factor 1)  |  |  | MSC      | 12.9 | 1.8   | 1    |
| 37951_at   | deleted in liver cancer 1   |  |  | DLC1     | 12.9 | 0     | 2.6  |
| 39120_at   | metallothionein 1L  |  |  | MT1L     | 12.9 | 0.1   | 0.3  |

Figure 11BB

|            |  |  |  |          |      |      |      |
|------------|--|--|--|----------|------|------|------|
| 38349_at   |  |  |  | AF038564 | 12.9 | 10.8 | 0.5  |
| 50745_at   |  |  |  | A143457  | 12.9 | 4.2  | 1    |
| 65147_at   |  |  |  | A1818579 | 12.9 | 0.2  | 4.1  |
| 61489_at   |  |  |  | A1718763 | 12.9 | 3.7  | 3.4  |
| 65281_f.at |  |  |  | H22954   | 12.9 | 0.7  | 1.2  |
| 44853_s.at |  |  |  | AA528059 | 12.9 | 10   | 7.4  |
| 73146_at   |  |  |  | AW024572 | 12.9 | 5.5  | 1.6  |
| 44376_at   |  |  |  | AA973070 | 12.9 | 5.4  | 7.3  |
| 1573_at    |  |  |  | M12783   | 12.8 | 0    | 0.5  |
|            |  |  |  |          |      |      |      |
| 39628_at   |  |  |  | RAB9     | 12.8 | 7.4  | 3.5  |
| 33260_at   |  |  |  | SOS1     | 12.8 | 11.2 | 5.3  |
| 72558_at   |  |  |  | A1858718 | 12.8 | 1.1  | 0.7  |
| 52850_at   |  |  |  | AA128296 | 12.8 | 0.9  | 4.7  |
| 41409_at   |  |  |  | AF044896 | 12.7 | 8.3  | 0    |
| 39857_at   |  |  |  | STX11    | 12.7 | 5.6  | 12.9 |
| 32240_at   |  |  |  | PSMD5    | 12.7 | 0.8  | 1.5  |
| 37352_at   |  |  |  | SP100    | 12.7 | 10   | 5    |
| 57094_at   |  |  |  | TMEM2    | 12.7 | 1.9  | 2.1  |
| 44920_at   |  |  |  | A1914925 | 12.7 | 4.8  | 7.6  |
| 41385_at   |  |  |  | AB023204 | 12.6 | 1.1  | 1.9  |
| 39032_at   |  |  |  | AJ222700 | 12.6 | 1.1  | 3.1  |
| 38160_at   |  |  |  | LY75     | 12.6 | 13.5 | 0    |
| 32217_at   |  |  |  | AF052105 | 12.6 | 6.3  | 7.6  |
| 473_g.at   |  |  |  | STAT5B   | 12.6 | 4.6  | 1.9  |
| 63662_at   |  |  |  | ECE1     | 12.6 | 4.3  | 5.7  |
| 52327_s.at |  |  |  | A126468  | 12.6 | 4.9  | 4.5  |
| 39211_at   |  |  |  | A1989346 | 12.6 | 0.9  | 5.7  |
| 32593_at   |  |  |  | AF091080 | 12.5 | 7.7  | 5.7  |
| 75796_at   |  |  |  | D42043   | 12.5 | 6.3  | 0.5  |
| 76037_at   |  |  |  | A1028528 | 12.5 | 1.3  | 0.6  |
| 76688_at   |  |  |  | W86659   | 12.5 | 2.5  | 0    |
| 79145_at   |  |  |  | A1312606 | 12.5 | 0    | 1.3  |
| 86629_at   |  |  |  | W72060   | 12.5 | 0.8  | 8    |
|            |  |  |  | AA614137 | 12.5 | 10.6 | 3.2  |

Figure 11CC

|            |  |        |          |     |     |      |
|------------|--|--------|----------|-----|-----|------|
| 56435_at   | hypothetical protein FLJ20625  |        | AA573749 | 6.7 | 5.9 | 8.5  |
| 39695_at   | decay accelerating factor for complement (CD55, Cromer blood group system) | DAF    | M31516   | 6.6 | 1.1 | 6.2  |
| 39710_at   | P311 protein   |        | U30521   | 6.6 | 35  | 8.7  |
| 39749_at   | proteasome (prosome, macropain) 26S subunit, non-ATPase, 4                 | PSMD4  | U51007   | 6.6 | 5.5 | 0    |
| 32697_at   | inositol(myo)-1(or 4)-monophosphatase 1                                    | IMPA1  | AF042729 | 6.6 | 3.8 | 1    |
| 40803_at   |  |        | AL050161 | 6.6 | 3.6 | 4.5  |
| 32725_at   | BH3 interacting domain death agonist                                       |        | AF042083 | 6.6 | 4.2 | 9.3  |
| 40901_at   | nuclear autoantigen  |        | U17989   | 6.6 | 1.5 | 2.6  |
| 32784_at   | serine/threonine-protein kinase PRP4 homolog                               |        | AB011108 | 6.6 | 3.2 | 3.3  |
| 950_at     | translocation protein 1  | TLOC1  | D87127   | 6.6 | 2.7 | 0.6  |
| 38119_at   | glycophorin C (Gerbich blood group)  | GYPC   | X12496   | 6.6 | 2   | 2.3  |
| 39134_at   | target of myb1 (chicken) homolog   | TOM1   | AJ006973 | 6.6 | 2.7 | 0    |
| 37078_at   | CD32 antigen, zeta polypeptide (TIT3 complex)                              | CD32   | J04132   | 6.6 | 1.7 | 24.5 |
| 48484_at   | CGI-111 protein  |        | A972302  | 6.6 | 5.7 | 2.2  |
| 90975_i.at |  |        | N22605   | 6.6 | 4.8 | 0.9  |
| 62371_g.at | hypothetical protein FLJ13153  |        | A1221377 | 6.6 | 2.9 | 5.6  |
| 59000_at   | x 010 protein  | x 010  | AA629304 | 6.6 | 4.8 | 4    |
| 44718_at   |  |        | AA577672 | 6.6 | 5.7 | 7.9  |
| 67141_at   |  |        | A1267607 | 6.6 | 1.1 | 3.7  |
| 43793_at   |  |        | AA262084 | 6.6 | 2.9 | 5.5  |
| 72458_at   |  |        | A1638014 | 6.6 | 8.5 | 1    |
| 49537_at   |  |        | W18190   | 6.6 | 0.8 | 0.6  |
| 50371_at   | KIAA1321 protein   |        | A1743689 | 6.6 | 4.1 | 0    |
| 68523_at   |  |        | AA614814 | 6.6 | 2.6 | 3.5  |
| 64887_at   | putative transcription regulation nuclear protein; KIAA1689 protein        |        | AW051603 | 6.6 | 6   | 0.5  |
| 47554_at   |  |        | AA226241 | 6.6 | 2.8 | 3.9  |
| 81066_i.at |  |        | A1285898 | 6.6 | 2.3 | 3.9  |
| 53607_at   |  |        | C14838   | 6.6 | 1.4 | 6    |
| 53666_at   |  |        | AA114900 | 6.6 | 3.8 | 6.4  |
| 83553_f.at |  |        | AA703100 | 6.6 | 1.9 | 16.2 |
| 33777_at   | thromboxane A synthase 1 (platelet, cytochrome P450, subfamily V)          | TBXAS1 | D34625   | 6.6 | 6.5 | 6.3  |
| 51251_at   |  |        |          |     |     |      |
| 806_at     | cytokine-inducible kinase  | CNK    | A189200  | 6.6 | 2   | 6.8  |
|            |  |        | U56998   | 6.5 | 0.6 | 2.5  |

Figure 11EEE

|            |   |          |          |     |      |      |
|------------|---|----------|----------|-----|------|------|
| 32673_at   | butyrophilin, subfamily 2, member A1  | BTN2A1   | U90543   | 6.5 | 2.5  | 4.3  |
| 32313_at   | tropomyosin 2 (beta)  | TPM2     | M12125   | 6.5 | 0    | 0.9  |
| 41349_at   | presenilin 2 (Alzheimer disease 4)  | PSEN2    | L43964   | 6.5 | 4    | 0    |
| 34808_at   | KIAA0999 protein  |          | AB023216 | 6.5 | 1    | 3.7  |
| 599_at     | H2.0 (Drosophila)-like homeo box 1  | HLX1     | M60721   | 6.5 | 2.4  | 1    |
| 36179_at   | mitogen-activated protein kinase-activated protein kinase 2                                     | MAPKAPK2 | U12779   | 6.5 | 2.4  | 0.9  |
| 37625_at   | interferon regulatory factor 4  | IRF4     | U52682   | 6.5 | 7.6  | 1.7  |
| 63316_at   | RNA binding motif protein 8B  | RBM8B    | AL047586 | 6.5 | 5    | 0    |
| 66539_at   |   |          | AI439092 | 6.5 | 0.4  | 6.6  |
| 48929_at   |   |          | AA521311 | 6.5 | 10   | 3.7  |
| 83675_at   |   |          | AI351753 | 6.5 | 1.5  | 1.3  |
| 48202_at   |   |          | W93382   | 6.5 | 1.2  | 2.6  |
| 86280_at   |   |          | AI916767 | 6.5 | 3.5  | 1.9  |
| 75276_at   | hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)         | HIF1A    | AI983856 | 6.5 | 1.8  | 0.9  |
| 70210_at   |   |          | AI798924 | 6.5 | 1.3  | 2.1  |
| 70753_g_at |   |          | AI829840 | 6.5 | 2.1  | 0    |
| 49132_at   |   |          | AI458975 | 6.5 | 0.6  | 5.2  |
| 45491_s_at | myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 6 | MLLT6    | AI828593 | 6.5 | 6.2  | 1.9  |
| 49510_at   | mitogen-activated protein kinase 8  | MAPK8    | AI681315 | 6.5 | 2.3  | 1.4  |
| 68856_r_at |   |          | T79833   | 6.5 | 2.2  | 1    |
| 74456_r_at |   |          | AI970474 | 6.5 | 5.5  | 4    |
| 92130_r_at |   |          | H41107   | 6.5 | 1.8  | 4.2  |
| 65794_f_at |   |          | AL042362 | 6.5 | 1.7  | 0.8  |
| 55103_at   | TIG-1   |          | AI831066 | 6.5 | 2.3  | 2    |
| 68885_r_at |   |          | AA594352 | 6.5 | 7    | 3.9  |
| 51089_at   | KIAA1140 protein  |          | AL042799 | 6.5 | 4.5  | 5.4  |
| 148_at     | ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR  |          | U88629   | 6.4 | 1.4  | 5.3  |
| 33326_at   | KIAA0118 protein  |          | D42087   | 6.4 | 2.9  | 1.8  |
| 920_at     | natural killer-tumor recognition sequence   | NKTR     | L04288   | 6.4 | 0    | 14.7 |
| 32563_at   | ATPase, Na+/K+ transporting, beta 3 polypeptide   | ATP1B3   | U51478   | 6.4 | 3.6  | 3.8  |
| 56350_at   |   |          | AI928492 | 6.4 | 5.5  | 1.5  |
| 45379_at   |   |          | AI659019 | 6.4 | 5.8  | 9.6  |
| 76364_at   |   |          | AA643507 | 6.4 | 17.1 | 23.3 |

Figure 11FFF

|            |   |  |         |          |     |      |      |
|------------|---|--|---------|----------|-----|------|------|
| 62288_at   |   |  |         | AI336854 | 6.4 | 3.1  | 10.2 |
| 46537_at   |   |  |         | AI190755 | 6.4 | 2.9  | 2.1  |
| 53907_at   | hypothetical protein SBB148   |  |         | AA521293 | 6.4 | 2.6  | 3.4  |
| 57525_at   | DKFZP564O1863 protein   |  |         | AI738434 | 6.4 | 1.3  | 3.3  |
| 74716_at   |   |  |         | AW006759 | 6.4 | 0    | 11.7 |
| 70209_at   |   |  |         | AI761629 | 6.4 | 1.3  | 7    |
| 43387_s_at | hypothetical protein FLJ13171   |  |         | AW001604 | 6.4 | 13.8 | 9.9  |
| 72594_r_at |   |  |         | AI984040 | 6.4 | 1    | 0.7  |
| 64106_at   | TLS-associated serine-arginine protein 1  |  |         | AI916676 | 6.4 | 0.8  | 1.1  |
| 47655_at   |   |  |         | AI022328 | 6.4 | 6.5  | 8.6  |
| 51249_at   | neural polypyrimidine tract binding protein   |  |         | AI052528 | 6.4 | 2.8  | 3.2  |
| 62684_at   | succinate dehydrogenase complex, subunit A, flavoprotein (Fp)                             |  | SDHA    | AA524839 | 6.4 | 3    | 5.9  |
| 52335_at   |   |  |         | AI762208 | 6.4 | 2.2  | 5.1  |
| 51588_at   |   |  |         | 2933319  | 6.4 | 0.2  | 5.7  |
| 82896_at   |   |  |         | AI476732 | 6.4 | 0.3  | 0    |
| 1385_at    | transforming growth factor, beta-induced, 68kD  |  | TGFB1   | M77349   | 6.4 | 3.5  | 6.3  |
| 32854_at   | f-box and WD-40 domain protein 1B   |  | FBXW1B  | AB014596 | 6.4 | 2    | 7.2  |
| 45731_at   | HSPC003 protein   |  |         | AA581878 | 6.4 | 6    | 7.9  |
| 58954_at   | NADH dehydrogenase (ubiquinone) Fe-S protein 8 (23kD) (NADH-coenzyme Q reductase)         |  | NDUFS8  | AW021179 | 6.4 | 5.3  | 6.5  |
| 1228_s_at  | meningioma expressed antigen 6 (coiled-coil proline-rich)                                 |  | MGEA6   | U73682   | 6.3 | 3.2  | 0    |
| 32961_at   | c-myc promoter-binding protein  |  |         | X63417   | 6.3 | 3.3  | 2.1  |
| 34951_at   | putative chemokine receptor, GTP-binding protein  |  |         | D10923   | 6.3 | 3.2  | 4.6  |
| 41768_at   | protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extingisher 1) |  | PRKAR1A | M33336   | 6.3 | 1.2  | 0    |
| 1746_s_at  | TNF receptor-associated factor 2  |  | TRAF2   | U12597   | 6.3 | 9.7  | 0    |
| 39219_at   | CCAAT/enhancer binding protein (C/EBP), gamma   |  | CEBPB   | U20240   | 6.3 | 4    | 1.7  |
| 38332_at   | purinergic receptor P2X, ligand-gated ion channel, 4                                      |  | P2RX4   | U83993   | 6.3 | 5.2  | 0.5  |
| 35978_at   | proline-rich Gla (G-carboxyglutamic acid) polypeptide 1                                   |  | PRRG1   | AF009242 | 6.3 | 1.3  | 4.4  |
| 809_at     | RAB27A, member RAS oncogene family  |  | RAB27A  | U57094   | 6.3 | 3.5  | 5.9  |
| 34517_at   | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)                                |  | HMGCS1  | X66435   | 6.3 | 0    | 0.7  |
| 40191_s_at | KIAA0582 protein  |  |         | AI761647 | 6.3 | 4.5  | 0    |
| 40718_at   | cathepsin W (lymphopain)  |  | CTSW    | AF013611 | 6.3 | 2.3  | 4.6  |
| 41015_at   | protein kinase, AMP-activated, alpha 1 catalytic subunit                                  |  | PRKAA1  | AB022017 | 6.3 | 0.3  | 2.7  |
| 34056_g_at | actin A receptor, type IB   |  | ACVR1B  | L10126   | 6.3 | 3    | 0    |

Figure 11GGG

|            |   |  |         |          |     |     |      |
|------------|---|--|---------|----------|-----|-----|------|
| 46795_at   |   |  |         | AA431258 | 6.3 | 2.3 | 11.2 |
| 58131_at   |   |  |         | AI806586 | 6.3 | 3.2 | 3.9  |
| 49875_at   |   |  |         | AI733353 | 6.3 | 5.9 | 16.6 |
| 52043_at   |   |  |         | AI217191 | 6.3 | 0.1 | 0    |
| 58327_at   | hypothetical protein DKFZp762N2316                              |  |         | T92186   | 6.3 | 2   | 1    |
| 44840_s_at |   |  |         | N59198   | 6.3 | 1.1 | 4    |
| 65364_at   |   |  |         | W56309   | 6.3 | 9.2 | 8.1  |
| 72408_at   |   |  |         | AA923345 | 6.3 | 0.8 | 0    |
| 72851_r_at |   |  |         | AI990894 | 6.3 | 2.6 | 1.1  |
| 62440_at   |   |  |         | AI198946 | 6.3 | 3.6 | 4.6  |
| 64804_r_at |   |  |         | T40707   | 6.3 | 3.1 | 8.1  |
| 53128_at   | hypothetical protein FLJ10494                                   |  |         | AI678076 | 6.3 | 5   | 3.2  |
| 65148_at   | hypothetical protein FLJ20139                                   |  |         | AI860687 | 6.3 | 0   | 0    |
| 84858_at   | hypothetical protein DKFZp547G183                               |  |         | AI082794 | 6.3 | 1.8 | 1.1  |
| 52694_at   |   |  |         | AW044663 | 6.3 | 2   | 0.5  |
| 43519_s_at | CGI-107 protein   |  |         | AA442417 | 6.3 | 2.4 | 1.1  |
| 65876_at   |   |  |         | R45447   | 6.3 | 2.1 | 2    |
| 61115_at   | hypothetical protein, estradiol-induced                         |  |         | AA442301 | 6.3 | 1.9 | 4.6  |
| 60215_at   |   |  |         | AA278413 | 6.3 | 2.8 | 2    |
| 47074_at   | disrupter of silencing 10                                       |  |         | AI125866 | 6.3 | 2.2 | 3.5  |
| 31577_at   | collagen, type XIX, alpha 1                                     |  | COL19A1 | D38466   | 6.3 | 0   | 5.8  |
| 46326_g_at |   |  |         | AA044197 | 6.3 | 6.3 | 1.6  |
| 39112_at   | upstream transcription factor 2, c-fos interacting              |  | USF2    | Y07661   | 6.3 | 2.1 | 5.3  |
| 44080_at   |   |  |         | W68180   | 6.3 | 5.2 | 5.5  |
| 37524_at   | serine/threonine kinase 17b (apoptosis-inducing)                |  | STK17B  | AB011421 | 6.2 | 1.1 | 1.4  |
| 32210_at   | phosphoglucosyltransferase 1                                    |  | PGM1    | M83088   | 6.2 | 4.2 | 1.2  |
| 33707_at   | phospholipase A2, group IVC (cytosolic, calcium-independent)    |  | PLA2G4C | AF058921 | 6.2 | 1   | 1    |
| 33351_at   | translocation factor su11 homolog                               |  |         | AF064607 | 6.2 | 1.8 | 0.8  |
| 36015_at   | cortistatin   |  | CORT    | N30625   | 6.2 | 2.1 | 1    |
| 35328_at   |   |  |         | AF055023 | 6.2 | 3.4 | 7.9  |
| 36097_at   | immediate early protein   |  |         | M62831   | 6.2 | 1.6 | 15.2 |
| 37351_at   | uridine phosphorylase   |  | UP      | X90858   | 6.2 | 5.4 | 0.2  |
| 37673_at   | neutral sphingomyelinase (N-SMase) activation associated factor |  | NSMAF   | X96586   | 6.2 | 6.1 | 0    |
| 38805_at   | TG-interacting factor (TALE family homeobox)                    |  | TGIF    | X89750   | 6.2 | 4.4 | 6.6  |
| 56800_at   |   |  |         | AI797146 | 6.2 | 0.4 | 4.2  |

Figure 11HHH

|            |  |  |        |          |     |     |     |
|------------|--|--|--------|----------|-----|-----|-----|
| 48021_at   | kinesin heavy chain member 2                                   |  | KIF2   | AI652174 | 6.2 | 7.3 | 2.8 |
| 90428_at   |  |  |        | AI355272 | 6.2 | 6.1 | 3.4 |
| 78954_at   |  |  |        | AA420590 | 6.2 | 0.3 | 0.6 |
| 68619_at   |  |  |        | AI204439 | 6.2 | 3.7 | 1.4 |
| 66092_at   |  |  |        | AI951574 | 6.2 | 6.3 | 6.5 |
| 59293_at   | poly(A)-binding protein, cytoplasmic 1-like                    |  |        | AI962727 | 6.2 | 0.5 | 4.5 |
| 68996_f_at |  |  |        | AI681967 | 6.2 | 2.2 | 5.9 |
| 58398_at   |  |  |        | AA829521 | 6.2 | 2.9 | 1.2 |
| 64099_at   | hypothetical protein FLJ10700                                  |  |        | W81185   | 6.2 | 5.9 | 1.4 |
| 44650_at   |  |  |        | AI307750 | 6.2 | 2.7 | 3.2 |
| 51962_at   | hypothetical protein FLJ12484                                  |  |        | W45523   | 6.2 | 2.5 | 3.9 |
| 47087_at   |  |  |        | AI310524 | 6.2 | 2.4 | 4.3 |
| 48300_at   |  |  |        | AA713522 | 6.2 | 3.9 | 2.6 |
| 63013_at   |  |  |        | AL120446 | 6.2 | 7.7 | 4.2 |
| 1361_at    | telomeric repeat binding factor (NIMA-interacting) 1           |  | TERF1  | U40705   | 6.2 | 5.5 | 6.3 |
| 55525_at   |  |  |        | AI972498 | 6.2 | 1.1 | 6.3 |
| 37114_at   | AT-binding transcription factor 1                              |  | ATBF1  | L32832   | 6.1 | 0   | 0.9 |
| 35086_at   | fls485   |  |        | AB024705 | 6.1 | 2.4 | 0.4 |
| 39082_at   | annexin A6   |  | ANXA6  | Y00097   | 6.1 | 3.4 | 0   |
| 40176_at   | ret finger protein   |  | RFP    | J03407   | 6.1 | 0.8 | 0.4 |
| 32111_at   | chromodomain protein, Y chromosome like                        |  | CDYL   | AL050164 | 6.1 | 8.1 | 4.5 |
| 40570_at   | forkhead box O1A (rhabdomyosarcoma)                            |  | FOXO1A | AF032885 | 6.1 | 1.4 | 0.6 |
| 32168_s_at | Down syndrome critical region gene 1                           |  | DSCR1  | U85267   | 6.1 | 0   | 1.2 |
| 39218_at   | zinc finger protein 23 (KOX 16)                                |  | ZNF23  | AL080123 | 6.1 | 2.7 | 1   |
| 34773_at   | tubulin-specific chaperone a                                   |  | TBCA   | AF038952 | 6.1 | 7.6 | 0.5 |
| 33905_at   | methyl-CpG binding domain protein 2                            |  | MBD2   | AF072242 | 6.1 | 4.5 | 0.8 |
| 35625_at   | CD97 antigen   |  | CD97   | X94630   | 6.1 | 1.1 | 0   |
| 36515_at   | UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine kinase |  |        | AJ238764 | 6.1 |     |     |
| 35739_at   | myotubularin related protein 3                                 |  | MTMR3  | AB002369 | 6.1 | 3.8 | 0.5 |
| 37610_at   | hypothetical protein FLJ10803                                  |  |        | AI765280 | 6.1 | 0   | 0   |
| 35017_f_at | major histocompatibility complex, class I, J (pseudogene)      |  | HLA-J  | M80469   | 6.1 | 3.8 | 1.8 |
| 566_at     | promyelocytic leukemia   |  | PML    | M79462   | 6.1 | 6.6 | 8.4 |
| 76530_at   | hypothetical protein FLJ20639                                  |  |        | AI749464 | 6.1 | 1   | 0   |
| 58201_at   | hypothetical protein FLJ20511                                  |  |        | AI796121 | 6.1 | 3.4 | 1.8 |

Figure 11III





|            |  |  |  |  |         |          |     |      |      |
|------------|--|--|--|--|---------|----------|-----|------|------|
| 894_g_at   | ubiquitin carrier protein  |  |  |  |         |          |     |      |      |
| 38552_f_at | B-cell receptor-associated protein BAP29                           |  |  |  |         | M91670   | 5.9 | 7.8  | 5.4  |
| 41183_at   | cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD           |  |  |  | CSTF3   | A1984786 | 5.9 | 4.7  | 0.4  |
| 32224_at   | KIAA0769 gene product  |  |  |  |         | U15782   | 5.9 | 4.6  | 6.3  |
| 39008_at   | ceruloplasmin (ferroxidase)  |  |  |  | CP      | AB018312 | 5.9 | 7.2  | 0.5  |
| 35936_g_at | carnitine palmitoyltransferase I, muscle                           |  |  |  |         | M13699   | 5.9 | 2    | 11.3 |
| 1797_at    | cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)          |  |  |  | CPT1B   | Y08683   | 5.9 | 18.4 | 6.7  |
| 34392_s_at | RAB1, member RAS oncogene family                                   |  |  |  | CDKN2D  | U40343   | 5.9 | 1.1  | 9.3  |
| 35990_at   | KIAA0478 gene product  |  |  |  | RAB1    | AL050268 | 5.9 | 3.7  | 2    |
| 36634_at   | BTG family, member 2   |  |  |  |         | AB007947 | 5.9 | 1.1  | 3.8  |
| 37048_at   | translocase of outer mitochondrial membrane 34                     |  |  |  | BTG2    | U72649   | 5.9 | 0.9  | 0.3  |
| 48026_at   |  |  |  |  |         | U58970   | 5.9 | 4.2  | 3.5  |
| 56479_at   | hypothetical protein FLJ20419                                      |  |  |  |         | A1984814 | 5.9 | 3.2  | 1    |
| 57364_at   |  |  |  |  |         | Z78377   | 5.9 | 2.8  | 0.8  |
| 82018_r_at | hypothetical protein FLJ21302                                      |  |  |  |         | AA031731 | 5.9 | 0.8  | 0.8  |
| 80771_at   |  |  |  |  |         | A733306  | 5.9 | 1.1  | 1.8  |
| 53902_at   |  |  |  |  |         | R73518   | 5.9 | 9.6  | 2.4  |
| 57055_l_at | pp21 homolog   |  |  |  |         | A1279954 | 5.9 | 0.5  | 2.1  |
| 42644_at   |  |  |  |  |         | A1934584 | 5.9 | 1.8  | 1.6  |
| 51643_at   |  |  |  |  |         | AA777406 | 5.9 | 0    | 1.8  |
| 65540_at   |  |  |  |  |         | AL036254 | 5.9 | 3.9  | 6.5  |
| 46996_s_at |  |  |  |  |         | A1863033 | 5.9 | 11.6 | 4.7  |
| 66118_at   |  |  |  |  |         | A1057283 | 5.9 | 1.1  | 0.1  |
| 65351_f_at |  |  |  |  |         | R38041   | 5.9 | 2.6  | 1.1  |
| 47360_at   |  |  |  |  |         | AA146979 | 5.9 | 3.2  | 5.1  |
| 91341_at   |  |  |  |  |         | A1798960 | 5.9 | 3.2  | 2.7  |
| 46889_at   |  |  |  |  |         | A1291659 | 5.9 | 4.5  | 3.8  |
| 46089_at   |  |  |  |  |         | N74444   | 5.9 | 1.4  | 3.9  |
| 47856_at   |  |  |  |  |         | N90525   | 5.9 | 2.8  | 4.3  |
| 48182_f_at |  |  |  |  |         | AA999846 | 5.9 | 0.6  | 2.1  |
| 41295_at   | GIT1 protein   |  |  |  |         | T91299   | 5.9 | 0    | 8.8  |
| 32550_r_at | CCAAT/enhancer binding protein (C/EBP), alpha                      |  |  |  |         | AL041780 | 5.9 | 2.9  | 7.4  |
| 1785_at    | retinoblastoma-binding protein 2                                   |  |  |  | CEBPA   | Y11525   | 5.9 | 4.9  | 4.6  |
| 49003_at   | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10 (22kD, PDSW) |  |  |  | RBBP2   | S66431   | 5.9 | 2.4  | 7.5  |
|            |  |  |  |  | NDUFB10 | AA195576 | 5.9 | 5.8  | 5.9  |

Figure 11LLL



|            |  |          |          |     |     |      |
|------------|--|----------|----------|-----|-----|------|
| 66134_i_at | cofilin 1 (non-muscle)   | CFL1     | A1500557 | 5.8 | 3.6 | 12.2 |
| 54479_at   |  |          |          |     |     |      |
| 54152_at   | eukaryotic translation initiation factor 4E binding protein 1                | EIF4EBP1 | AA214559 | 5.8 | 3.9 | 5    |
| 46304_at   | hypothetical protein, clone 2746033  |          | A1026669 | 5.8 | 5.2 | 5.8  |
| 39378_at   | beclin 1 (coiled-coil, myosin-like BCL2-interacting protein)                 |          | AA126461 | 5.8 | 8.7 | 9.3  |
| 37795_at   | arylsulfatase B  | BECN1    | U17999   | 5.7 | 3.3 | 0.1  |
| 35606_at   | histidine decarboxylase  | ARSB     | M32373   | 5.7 | 4.3 | 1.2  |
| 587_at     | endothelial differentiation, sphingolipid G-protein-coupled receptor, 1      | HDC      | D16583   | 5.7 | 2.6 | 20.5 |
|            |  | EDG1     | M31210   | 5.7 | 1   | 1.2  |
| 40408_at   | cysteinyl-tRNA synthetase  | CARS     | L06845   | 5.7 | 5.7 | 2    |
| 41126_at   | solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 | SLC1A4   | AA978353 | 5.7 | 7.9 | 4.7  |
| 41399_at   | KIAA1111 protein   |          |          |     |     |      |
| 1452_at    | LIM domain only 4  | LMO4     | AB029034 | 5.7 | 3.1 | 0.7  |
| 34857_at   |  |          | U24576   | 5.7 | 1.5 | 9    |
| 36066_at   | KIAA0828 protein   |          | Z24724   | 5.7 | 4.5 | 0.2  |
| 38038_at   | lumican  |          | AB020635 | 5.7 | 2.4 | 7.6  |
| 35414_s_at | jagged 1 (Alagille syndrome)   | LUM      | U21128   | 5.7 | 0   | 0.7  |
| 39136_at   | oxidative-stress responsive 1  | JAG1     | U77914   | 5.7 | 1.9 | 2.3  |
| 59314_at   | retinoic acid induced 1  | OSR1     | AB017642 | 5.7 | 3.1 | 3    |
| 56469_at   | hypothetical protein   | RAI1     | A1926671 | 5.7 | 4.5 | 3.2  |
| 80994_i_at |  |          | W44483   | 5.7 | 1.7 | 0    |
| 76362_at   |  |          | T70600   | 5.7 | 3.6 | 0.5  |
| 66745_i_at |  |          | A1694530 | 5.7 | 1.9 | 0.7  |
| 60417_r_at |  |          | AA969889 | 5.7 | 0.3 | 4.5  |
| 50377_at   |  |          | A1081821 | 5.7 | 3.3 | 7    |
| 79389_at   |  |          | A1081607 | 5.7 | 1.7 | 2.7  |
| 47144_at   | ASB-1 protein  |          | A1026951 | 5.7 | 1.2 | 0.4  |
| 82601_at   | B-cell CLL/lymphoma 6 (zinc finger protein 51)                               |          | A1018173 | 5.7 | 4.1 | 4.5  |
| 42829_at   |  | BCL6     | AA778666 | 5.7 | 3.1 | 0.8  |
| 85100_at   |  |          | N58166   | 5.7 | 2.8 | 3.9  |
| 68048_at   |  |          | A1567916 | 5.7 | 3   | 3.8  |
| 70124_at   |  |          | AA701259 | 5.7 | 0   | 0.5  |
| 80894_at   | histone acetyltransferase  |          | A1770116 | 5.7 | 2.6 | 0.1  |
| 43395_s_at | DnaJ (Hsp40) homolog, subfamily B, member 5                                  |          | AA533554 | 5.7 | 1.9 | 4.4  |
|            |  | DNAJB5   | AW006148 | 5.7 | 0.1 | 2.5  |

Figure 11NNN

|            |  |  |   |          |     |     |      |
|------------|--|--|---|----------|-----|-----|------|
| 71040_at   |  |  |   | AI926365 | 5.7 | 1.2 | 1.4  |
| 46368_at   |  |  |   | H80286   | 5.7 | 1.5 | 3.5  |
| 51792_at   |  |  |   | W07089   | 5.7 | 2.1 | 0    |
| 46153_at   |  |  |   | R02594   | 5.7 | 6.2 | 4    |
| 47602_at   |  |  |   | AA393223 | 5.7 | 0.1 | 3.4  |
| 57968_r_at |  |  |   | AA431469 | 5.7 | 2.8 | 5.8  |
| 37214_g_at |  |  | deoxyribonuclease I-like 1  | DNASE1L1 | 5.7 | 1.6 | 5.3  |
| 1357_at    |  |  | ubiquitin specific protease 4 (proto-oncogene)                                      | USP4     | 5.7 | 3.4 | 8.3  |
| 39105_at   |  |  | vasodilator-stimulated phosphoprotein   | VASP     | 5.7 | 2.6 | 5.9  |
| 53155_at   |  |  |   | AA608559 | 5.7 | 4.4 | 7.1  |
| 46664_at   |  |  | apoptosis-associated speck-like protein containing a CARD                           | AI148558 | 5.7 | 5.1 | 6.3  |
| 37506_at   |  |  | Huntingtin-interacting protein A  | Z78308   | 5.6 | 1.7 | 1.2  |
| 40773_at   |  |  | myosin, light polypeptide 5, regulatory   | MYL5     | 5.6 | 5.9 | 0    |
| 40791_at   |  |  | polymerase (RNA) II (DNA directed) polypeptide A (220kD)                            | POLR2A   | 5.6 | 3.1 | 4.2  |
| 33418_at   |  |  | RAB3 GTPase-ACTIVATING PROTEIN  | AL096752 | 5.6 | 7.2 | 5.2  |
| 35137_at   |  |  | myomesin 1 (skelemin) (185kD)   | MYOM1    | 5.6 | 0.7 | 2.9  |
| 35198_at   |  |  | hypothetical protein from clone 24796   | AF070596 | 5.6 | 4.6 | 2.4  |
| 35251_at   |  |  | human immunodeficiency virus type I enhancer-binding protein 1                      | HIVEP1   | 5.6 | 6.4 | 12.2 |
| 1856_at    |  |  | v-rel avian reticuloendotheliosis viral oncogene homolog                            | REL      | 5.6 | 4.1 | 5.7  |
| 39281_at   |  |  | Rho guanine exchange factor (GEF) 11  | ARHGEF11 | 5.6 | 3.2 | 2    |
| 35320_at   |  |  | solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 | SLC11A2  | 5.6 | 4.4 | 0    |
| 35787_at   |  |  | dynein, cytoplasmic, intermediate polypeptide 2                                     | DNCL2    | 5.6 | 5.6 | 0    |
| 37177_at   |  |  | CD58 antigen, (lymphocyte function-associated antigen 3)                            | CD58     | 5.6 | 6.5 | 0.6  |
| 39562_at   |  |  | CGG triplet repeat binding protein 1  | CGGBP1   | 5.6 | 2.4 | 0    |
| 40757_at   |  |  | granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)        | GZMA     | 5.6 | 1.3 | 23.9 |
| 46771_at   |  |  |   | W69585   | 5.6 | 2.3 | 2.8  |
| 50840_r_at |  |  | neurexophilin 4   | NXPH4    | 5.6 | 2   | 3.3  |
| 65150_at   |  |  | CGI-18 protein  | AI073484 | 5.6 | 1.8 | 0    |
| 73901_at   |  |  |   | AI984965 | 5.6 | 0.9 | 1.4  |
| 72649_at   |  |  |   | AI765590 | 5.6 | 0.7 | 1.4  |
| 62914_at   |  |  |   | AI363275 | 5.6 | 0.9 | 1.2  |
| 84232_at   |  |  |   | AI806926 | 5.6 | 1.2 | 3.9  |
| 69834_r_at |  |  |   | AI765718 | 5.6 | 1.1 | 0.8  |

Figure 11000

|            |  |         |          |  |  |  |  |  |  |
|------------|--|---------|----------|--|--|--|--|--|--|
| G3826_at   | hypothetical protein FLJ12492  |         |          |  |  |  |  |  |  |
| 42881_at   |  |         |          |  |  |  |  |  |  |
| 71936_at   |  |         |          |  |  |  |  |  |  |
| 46960_at   |  |         |          |  |  |  |  |  |  |
| 45337_at   |  |         |          |  |  |  |  |  |  |
| 63251_s_at |  |         |          |  |  |  |  |  |  |
| 91623_at   |  |         |          |  |  |  |  |  |  |
| 51185_at   | PAN2 protein   |         |          |  |  |  |  |  |  |
| 53302_r_at |  |         |          |  |  |  |  |  |  |
| 46727_at   |  |         |          |  |  |  |  |  |  |
| 46808_at   |  |         |          |  |  |  |  |  |  |
| 53689_at   |  |         |          |  |  |  |  |  |  |
| 57000_f_at | meningioma expressed antigen 5 (hyaluronidase)   | MGEA5   | AA037664 |  |  |  |  |  |  |
| 46660_at   | hypothetical protein FLJ10074  |         | A1453779 |  |  |  |  |  |  |
| 46670_at   | hypothetical protein FLJ20038  |         | AA018399 |  |  |  |  |  |  |
| 44136_at   | hypothetical protein FLJ13910  |         | A1921097 |  |  |  |  |  |  |
| 78784_at   | tannin   |         | W68512   |  |  |  |  |  |  |
| 69458_f_at |  | SNIN    | W72938   |  |  |  |  |  |  |
| 40045_g_at | chromosome 18 open reading frame 1   |         | A1693465 |  |  |  |  |  |  |
| 56225_at   |  | C18ORF1 | AF009425 |  |  |  |  |  |  |
| 64028_s_at |  |         | A1744466 |  |  |  |  |  |  |
| 49390_at   |  |         | A1886403 |  |  |  |  |  |  |
| 52261_at   |  |         | AA999858 |  |  |  |  |  |  |
| 38614_s_at | O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) | OGT     | A1970054 |  |  |  |  |  |  |
| 41432_at   | ribosomal protein S6 kinase, 90kD, polypeptide 5   | RPS6KA5 | U77413   |  |  |  |  |  |  |
| 38980_at   | hypothetical protein   |         | AB018276 |  |  |  |  |  |  |
| 39826_f_at | bone marrow stromal cell antigen 2   |         | W29115   |  |  |  |  |  |  |
| 39061_at   | proteasome (prosome, macropain) subunit, beta type, 2  | BST2    | D28137   |  |  |  |  |  |  |
| 1310_at    | HMBA-inducible   | PSMB2   | D26599   |  |  |  |  |  |  |
| 40219_at   | KIAA0005 gene product  |         | A1796944 |  |  |  |  |  |  |
| 40108_at   | KIAA0342 gene product  |         | D13630   |  |  |  |  |  |  |
| 32660_at   | Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (Semaphorin) 3C                                   |         | AB002340 |  |  |  |  |  |  |
| 377_g_at   |  | SEMA3C  | AB000220 |  |  |  |  |  |  |

Figure 11 PPP

|            |  |         |          |     |      |      |
|------------|--|---------|----------|-----|------|------|
| 32307_s_at | collagen, type I, alpha 2                                      | COL1A2  | V00503   | 5.5 | 0    | 1.3  |
| 33362_at   | Cdc42 effector protein 3                                       |         | AF094521 | 5.5 | 2.1  | 9.2  |
| 37617_at   | KIAA1128 protein   |         | U90912   | 5.5 | 3.5  | 2.5  |
| 35182_f_at | hypothetical protein FLJ10849                                  |         | W25874   | 5.5 | 0    | 0    |
| 39149_at   | papillary renal cell carcinoma (translocation-associated)      | PRCC    | X99720   | 5.5 | 1.5  | 1.7  |
| 42272_at   |  |         | AA743565 | 5.5 | 1.3  | 6    |
| 58524_at   |  |         | W03029   | 5.5 | 4.1  | 0    |
| 64492_s_at |  |         | AW001883 | 5.5 | 0.9  | 3.2  |
| 74006_at   |  |         | AI984623 | 5.5 | 0.7  | 1    |
| 66774_at   |  |         | AA978204 | 5.5 | 3.3  | 2.1  |
| 74975_f_at | zinc finger protein 173  | ZNF173  | AW009746 | 5.5 | 5.5  | 14.1 |
| 76725_at   |  |         | AI203222 | 5.5 | 1.3  | 0    |
| 47489_at   |  |         | AI452516 | 5.5 | 2.9  | 1.5  |
| 75201_f_at |  |         | AI688900 | 5.5 | 11   | 7    |
| 55280_at   | putative N6-DNA-methyltransferase                              |         | AI016585 | 5.5 | 5.1  | 10.4 |
| 82806_at   |  |         | AA993487 | 5.5 | 5    | 2.6  |
| 41153_f_at | catenin (cadherin-associated protein), alpha 1 (102kD)         | CTNNA1  | AF102803 | 5.5 | 3.7  | 0.1  |
| 59608_at   |  |         | AA176289 | 5.5 | 2.6  | 0.3  |
| 73601_at   |  |         | AI885677 | 5.5 | 0    | 0.2  |
| 63950_at   |  |         | R22212   | 5.5 | 0.8  | 4.6  |
| 43838_s_at | hypothetical protein PRO1068                                   |         | AA100948 | 5.5 | 0.4  | 3.4  |
| 54680_s_at |  |         | AI660022 | 5.5 | 1.2  | 0.6  |
| 68328_at   |  |         | AI475514 | 5.5 | 10.2 | 32.1 |
| 45390_at   |  |         | AI769269 | 5.5 | 7.2  | 0    |
| 42965_at   |  |         | H24422   | 5.5 | 1.7  | 1.6  |
| 57470_at   |  |         | AI091581 | 5.5 | 2    | 2.7  |
| 88025_s_at |  |         | AI199443 | 5.5 | 0.5  | 2.5  |
| 50187_at   |  |         | H46074   | 5.5 | 0.6  | 6.1  |
| 72576_at   | GCN1 (general control of amino-acid synthesis 1, yeast)-like 1 | GCN1L1  | AI939557 | 5.5 | 0.5  | 1.2  |
| 55743_at   |  |         | AI457965 | 5.5 | 1.7  | 0.9  |
| 66856_r_at |  |         | AA993791 | 5.5 | 1.4  | 2.8  |
| 71516_r_at |  |         | Z40202   | 5.5 | 0.3  | 2.1  |
| 69622_at   |  |         | AI669987 | 5.5 | 6.1  | 4    |
| 35247_at   | small nuclear RNA activating complex, polypeptide 5, 19kD      |         | AI557062 | 5.5 | 2.9  | 5    |
| 60061_at   | arachidonate 5-lipoxygenase-activating protein                 | ALOX5AP | AI983204 | 5.5 | 5.1  | 5.4  |

Figure 11QQQ

|            |   |  |           |          |     |     |     |
|------------|---|--|-----------|----------|-----|-----|-----|
| 45578_s.at |   |  |           | N26243   | 5.5 | 1.8 | 6.7 |
| 44693_at   | hypothetical protein FLJ11937   |  |           | N36986   | 5.5 | 4.2 | 5.8 |
| 52107_g.at | CGI_90 protein  |  |           | A1800674 | 5.5 | 6.2 | 7.6 |
| 39748_at   |   |  |           | A050021  | 5.4 | 2.5 | 0   |
| 40788_at   | adenylate kinase 2  |  | AK2       | U84371   | 5.4 | 2.7 | 0   |
| 31522_f.at | H2B histone family, member G  |  | H2BFG     | Z80779   | 5.4 | 2.5 | 8.5 |
| 35879_at   | galanin   |  | GAL       | M77140   | 5.4 | 8.3 | 0.4 |
| 33713_at   | translocase of inner mitochondrial membrane 17 (yeast) homolog B  |  |           | AJ005895 | 5.4 | 2.2 | 3.1 |
| 41234_at   | DnaJ (Hsp40) homolog, subfamily B, member 6   |  | DNAJB6    | A1540318 | 5.4 | 0.9 | 6.2 |
| 31633_g.at | zinc finger protein 259, pseudogene   |  | ZNF259P   | Z95118   | 5.4 | 0   | 0.2 |
| 39209_r.at | pro-platelet basic protein (includes platelet basic protein, beta-thromboglobulin, connective tissue-activating peptide III, neutrophil-activating peptide-2) |  | PPBP      | M54995   | 5.4 | 0.4 | 4.2 |
| 41275_at   | E2F transcription factor 5, p130-binding  |  | E2F5      | U31556   | 5.4 | 0   | 0.7 |
| 33480_at   | motilin   |  | MLN       | X15393   | 5.4 | 1.8 | 5   |
| 38016_at   | transcriptional activator of the c-fos promoter   |  |           | M94630   | 5.4 | 2.7 | 0.9 |
| 34376_at   | protein kinase (cAMP-dependent, catalytic) inhibitor gamma  |  | PKIG      | AB019517 | 5.4 | 2.2 | 9.6 |
| 34892_at   | tumor necrosis factor receptor superfamily, member 10b  |  | TNFRSF10B | AF016266 | 5.4 | 0.3 | 3.5 |
| 35284_f.at | hypothetical protein FLJ10738   |  |           | W28620   | 5.4 | 0   | 3.6 |
| 36554_at   | acetylserotonin O-methyltransferase-like  |  | ASMTL     | Y15521   | 5.4 | 1.8 | 2   |
| 36991_at   | acylizing factor, arginine/serine-rich 4  |  | SFRS4     | L14076   | 5.4 | 5.3 | 4.2 |
| 2045_s.at  | hemopoietic cell kinase   |  | HCK       | M16592   | 5.4 | 0.8 | 0.6 |
| 48436_at   |   |  |           | A1922968 | 5.4 | 0.1 | 2.4 |
| 91799_at   |   |  |           | AA586814 | 5.4 | 5.2 | 0   |
| 65158_at   |   |  |           | A1741328 | 5.4 | 3.8 | 1.2 |
| 56548_at   | angiotensin II, type I receptor-associated protein  |  |           | A1858573 | 5.4 | 1.2 | 0.1 |
| 87038_at   | skb1 (S. pombe) homolog   |  | SKB1      | AA932371 | 5.4 | 1.7 | 2.5 |
| 78538_at   |   |  |           | A1023295 | 5.4 | 7.5 | 2   |
| 75064_at   | NOD2 protein  |  | AA910520  | A10520   | 5.4 | 0.7 | 1.1 |
| 87105_at   | protein kinase Chk2   |  |           | N24330   | 5.4 | 1   | 1.7 |
| 58246_at   | hypothetical protein FLJ12903   |  |           | A1807668 | 5.4 | 2.5 | 5.1 |
| 91400_at   |   |  |           | A1309016 | 5.4 | 3.6 | 3.2 |
| 44780_s.at | collagen, type IX, alpha 1  |  | COL9A1    | N66408   | 5.4 | 2.2 | 5.2 |
| 11442_at   |   |  |           | A1916887 | 5.4 | 1.7 | 0.1 |

Figure 11RRR



|            |  |  |         |          |     |      |      |
|------------|--|--|---------|----------|-----|------|------|
| 59341_at   |  |  |         | AI311917 | 5.4 | 2.4  | 6.9  |
| 47951_at   |  |  |         | AA521145 | 5.4 | 5.2  | 5.2  |
| 47878_f.at | KIAA0117 protein   |  |         | AI656542 | 5.4 | 2.8  | 6    |
| 43488_at   | transporter-like protein   |  |         | AI768065 | 5.4 | 4.2  | 1    |
| 87391_at   |  |  |         | AA707322 | 5.4 | 4.9  | 0.3  |
| 87617_at   | hypothetical protein FLJ13385  |  |         | AA639580 | 5.4 | 1.7  | 1.6  |
| 68909_at   |  |  |         | AI091231 | 5.4 | 0.7  | 1.4  |
| 69715_at   |  |  |         | AI743419 | 5.4 | 0.5  | 2.8  |
| 72052_at   |  |  |         | N71632   | 5.4 | 0.3  | 4.4  |
| 54799_at   | glutaminase  |  | GLS     | W72090   | 5.4 | 0    | 0    |
| 58825_at   | prothymosin, alpha (gene sequence 28)  |  | PTMA    | AI701911 | 5.4 | 6.9  | 7.3  |
| 57042_at   | similar to Caenorhabditis elegans protein C42C1.9                                |  |         | W74749   | 5.4 | 1.6  | 0    |
| 49057_g.at |  |  |         | AA521489 | 5.4 | 11.9 | 0    |
| 57074_s.at |  |  |         | AW021642 | 5.4 | 1.5  | 3    |
| 50943_at   |  |  |         | W87422   | 5.4 | 0.8  | 5.7  |
| 45655_at   | tumor antigen SLP.8p   |  |         | AL045849 | 5.4 | 5.7  | 2.4  |
| 46105_at   |  |  |         | AA149641 | 5.4 | 5.4  | 0    |
| 55009_at   |  |  |         | AI359000 | 5.4 | 2.2  | 0    |
| 32007_at   |  |  |         | W29045   | 5.4 | 0.5  | 5.5  |
| 39341_at   | thyroid hormone receptor interactor 6  |  | TRIP6   | AJ001902 | 5.4 | 0.2  | 4    |
| 37759_at   | lysosomal-associated multispanning membrane protein-5                            |  |         | U51240   | 5.4 | 2.2  | 4.9  |
| 39163_at   | likely homolog of rat kinase D-interacting substance of 220 kDa;                 |  |         | W27233   | 5.4 | 0.2  | 6.4  |
| 45521_s.at | KIAA1250 protein   |  |         |          |     |      |      |
| 63793_at   | KIAA0100 gene product  |  |         | AI967955 | 5.4 | 5.5  | 5.7  |
| 45736_at   | DNA polymerase epsilon p12 subunit   |  |         | AI797479 | 5.4 | 3.7  | 4.8  |
| 36495_at   | two-pore channel 1, homolog  |  |         | AL048491 | 5.4 | 5.2  | 5.1  |
| 31996_at   | fructose-1,6-bisphosphatase 1  |  | FBP1    | U21931   | 5.4 | 4    | 4.9  |
| 41634_at   | brefeldin A-inhibited guanine nucleotide-exchange protein 2                      |  |         | AI798834 | 5.3 | 1.5  | 0.4  |
| 37798_at   | KIAA0256 gene product  |  |         | D87445   | 5.3 | 4.6  | 2.4  |
| 41134_at   | chromosome 8 open reading frame 2  |  | C8ORF2  | AB018790 | 5.3 | 0.3  | 2.9  |
| 1383_at    | KIAA0964 protein   |  |         | AB023181 | 5.3 | 3.4  | 1.7  |
|            | protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform |  | PPP2R2A | M64929   | 5.3 | 7.5  | 12.4 |
| 41170_at   | KIAA0663 gene product  |  |         | AB014563 | 5.3 | 2.7  | 5.8  |
| 37575_at   |  |  |         | AL050192 | 5.3 | 3.6  | 2.1  |

Figure 11SSS





|            |  |  |          |          |     |      |      |
|------------|--|--|----------|----------|-----|------|------|
| 70053_r.at |  |  |          | A1734928 | 5.2 | 0.6  | 2.2  |
| 70170_f.at |  |  |          | A1251913 | 5.2 | 2.5  | 1.8  |
| 50205_at   | leptin receptor  |  | LEPR     | N46838   | 5.2 | 5.1  | 15   |
| 80421_s.at | solute carrier family 21 (organic anion transporter), member 12                          |  | SLC21A12 | A1347130 | 5.2 | 3.1  | 0    |
| 43535_at   |  |  |          | N37020   | 5.2 | 2.2  | 0    |
| 87493_at   |  |  |          | AL042667 | 5.2 | 0.4  | 0    |
| 47430_at   |  |  |          | T65857   | 5.2 | 0    | 0    |
| 66512_at   |  |  |          | A1970258 | 5.2 | 1.6  | 2    |
| 45624_at   | core1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1.3 galactosyltransferase         |  |          | A1967968 | 5.2 | 6.9  | 4    |
| 62306_at   | hypothetical protein   |  |          | T97347   | 5.2 | 2.3  | 2.8  |
| 55915_r.at | hypothetical protein LOC54149  |  |          | A1922520 | 5.2 | 13.7 | 15.9 |
| 46612_at   | KIAA1624 protein   |  |          | R39794   | 5.2 | 10.2 | 1.6  |
| 64740_at   |  |  |          | AA470369 | 5.2 | 3.5  | 2.2  |
| 55800_at   | hypothetical protein AL133206  |  |          | W72766   | 5.2 | 2.2  | 0    |
| 61299_at   | chaperonin containing TCP1, subunit 6A (zeta 1)  |  | CCT6A    | R43952   | 5.2 | 2.8  | 1.6  |
| 55650_at   |  |  |          | W22914   | 5.2 | 1.7  | 2.5  |
| 51599_at   |  |  |          | 2945576  | 5.2 | 2.2  | 6.4  |
| 31816_at   | glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II)               |  | GAA      | X55079   | 5.2 | 1.3  | 5.9  |
| 40955_at   | prostate tumor over expressed gene 1   |  | PTOV1    | U79287   | 5.2 | 2.6  | 4.6  |
| 41540_at   | protein phosphatase 1, regulatory subunit 7  |  | PPP1R7   | Z50749   | 5.2 | 2.9  | 5.2  |
| 34811_at   | ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3 |  | ATP5G3   | U09813   | 5.2 | 3.2  | 6.2  |
| 36601_at   | vinculin   |  | VCL      | M33308   | 5.2 | 4.6  | 5.1  |
| 37002_at   | biliverdin reductase B (flavin reductase (NADPH))  |  | BLVRB    | D32143   | 5.2 | 3.8  | 5.3  |
| 48750_at   | class I cytokine receptor  |  |          | A1983115 | 5.2 | 4.6  | 4.9  |
| 44638_at   | insulin-degrading enzyme   |  | IDE      | AA573292 | 5.2 | 2.6  | 4.2  |
| 59136_at   |  |  |          | AA779895 | 5.2 | 5.1  | 5.2  |
| 48811_at   | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase                       |  |          | AW007594 | 5.2 | 4    | 5    |
| 54912_at   | translocase of inner mitochondrial membrane 13 (yeast) homolog B                         |  | TIMM13B  | AL035821 | 5.2 | 3.4  | 5.4  |
| 51123_at   |  |  |          | H11724   | 5.2 | 5    | 4.9  |
| 52012_at   |  |  |          | A1659020 | 5.2 | 3.5  | 5.3  |

Figure 11VVV

|            |   |  |          |  |  |  |  |  |  |
|------------|---|--|----------|--|--|--|--|--|--|
| 53120_at   | hypothetical protein FLJ20442   |  |          |  |  |  |  |  |  |
| 487_g_at   | caspase 9, apoptosis-related cysteine protease  |  |          |  |  |  |  |  |  |
| 40491_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21   |  | CASP9    |  |  |  |  |  |  |
| 32735_at   | KIAA0931 protein  |  | DDX21    |  |  |  |  |  |  |
| 34719_at   | glutaminase   |  |          |  |  |  |  |  |  |
| 39320_at   | caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)        |  | GLS      |  |  |  |  |  |  |
|            |   |  | CASP1    |  |  |  |  |  |  |
| 35227_at   | retinoblastoma-binding protein 8  |  |          |  |  |  |  |  |  |
| 34378_at   | adipose differentiation-related protein   |  | RBBP8    |  |  |  |  |  |  |
| 35845_at   | SEC24 (S. cerevisiae) related gene family, member B                                     |  | ADFP     |  |  |  |  |  |  |
| 36888_at   | KIAA0841 protein  |  | SEC24B   |  |  |  |  |  |  |
| 38027_at   | fibulin 1   |  |          |  |  |  |  |  |  |
| 32792_at   | GICP-interacting protein p29  |  | FBLN1    |  |  |  |  |  |  |
| 38369_at   | myeloid differentiation primary response gene (88)                                      |  |          |  |  |  |  |  |  |
| 38824_at   | Tat-interacting protein (30kD)  |  | MYD88    |  |  |  |  |  |  |
| 37082_at   | KIAA0426 gene product   |  |          |  |  |  |  |  |  |
| 54747_at   | endosulfine alpha   |  | ENSA     |  |  |  |  |  |  |
| 65027_r_at |   |  | AA167734 |  |  |  |  |  |  |
| 84981_r_at | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant)        |  | AA532470 |  |  |  |  |  |  |
|            |   |  | COL3A1   |  |  |  |  |  |  |
| 42564_at   |   |  |          |  |  |  |  |  |  |
| 78014_at   |   |  | W84667   |  |  |  |  |  |  |
| 47832_at   |   |  | AA371513 |  |  |  |  |  |  |
| 43363_s_at |   |  | AA100654 |  |  |  |  |  |  |
| 50763_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2 |  | AI978590 |  |  |  |  |  |  |
|            |   |  | AA779863 |  |  |  |  |  |  |
| 42631_at   |   |  |          |  |  |  |  |  |  |
| 84167_at   |   |  | AI984505 |  |  |  |  |  |  |
| 88155_at   | H2B histone family, member B  |  | AI742722 |  |  |  |  |  |  |
| 48374_at   |   |  | AI125923 |  |  |  |  |  |  |
| 74131_at   |   |  | W87470   |  |  |  |  |  |  |
| 58901_at   |   |  | AI989784 |  |  |  |  |  |  |
| 61745_r_at |   |  | AW021543 |  |  |  |  |  |  |
| 44397_at   |   |  | N76044   |  |  |  |  |  |  |
|            |   |  | H11252   |  |  |  |  |  |  |
| 52072_at   | hypothetical protein FLJ10718   |  | AA873182 |  |  |  |  |  |  |

Figure 11WWW

|            |  |          |          |     |      |     |
|------------|--|----------|----------|-----|------|-----|
| 49054_at   | adenylate kinase 3 alpha like                                      |          | N32441   | 5.1 | 3.1  | 0.4 |
| 58617_at   |  |          | AA149312 | 5.1 | 3.4  | 0.3 |
| 74823_f.at | histidyl-tRNA synthetase   | HARS     | AW022495 | 5.1 | 4.3  | 1.8 |
| 64847_at   |  |          | AA394155 | 5.1 | 4.4  | 3.4 |
| 54410_at   |  |          | N70443   | 5.1 | 2.7  | 0   |
| 80825_at   |  |          | AI590115 | 5.1 | 0.6  | 0   |
| 40279_at   | KIAA0121 gene product  |          | D50911   | 5.1 | 3.4  | 3.7 |
| 1630_s.at  | spleen tyrosine kinase   | SYK      | Z29630   | 5.1 | 3.9  | 4.9 |
| 33833_at   | spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)                 | SPTAN1   | J05243   | 5.1 | 3.8  | 5.7 |
| 32594_at   | chaperonin containing TCP1, subunit 4 (delta)                      | CCT4     | AF026291 | 5.1 | 2.5  | 1.7 |
| 48110_at   | hypothetical protein FLJ11271                                      |          | N91279   | 5.1 | 3.3  | 4.6 |
| 51179_at   | brefeldin A-inhibited guanine nucleotide-exchange protein 2        |          | AI741843 | 5.1 | 2.9  | 7.9 |
| 68339_at   | transforming growth factor, beta-induced, 68kD                     | TGFB1    | AI624028 | 5.1 | 2.2  | 5.1 |
| 65171_at   | clone FLB4739  |          | N36909   | 5.1 | 4.5  | 5.2 |
| 61853_at   |  |          | AA773816 | 5.1 | 5.1  | 5.1 |
| 49569_at   | hypothetical protein FLJ20281                                      |          | AI690893 | 5.1 | 4.2  | 4.5 |
| 65603_at   | baculoviral IAP repeat-containing 6                                |          | AA886981 | 5.1 | 2.9  | 5.4 |
| 45293_at   | hypothetical protein from EUROMAGE 363668                          | BIRC6    | AA631902 | 5.1 | 4.4  | 4   |
| 56418_at   | uncharacterized hematopoietic stem/progenitor cells protein MDS027 |          | N25128   | 5.1 | 3.7  | 5.8 |
| 45224_at   |  |          | AA025862 | 5.1 | 3.2  | 3.5 |
| 57714_at   |  |          | AA429113 | 5.1 | 3.6  | 5.1 |
| 36908_at   | mannose receptor, C type 1   | MRC1     | M93221   | 5.1 | 4.2  | 4.6 |
| 55695_at   | glycine cleavage system protein H (aminomethyl carrier)            | GCSH     | AI890917 | 5.1 | 4.5  | 4.2 |
| 38134_at   | pleiomorphic adenoma gene 1  | PLAG1    | U65002   | 5   | 0.7  | 1.4 |
| 31898_at   | KIAA0212 gene product  | kiaa0212 | D86967   | 5   | 3.7  | 2.3 |
| 32142_at   | serine/threonine kinase 3 (Ste20, yeast homolog)                   | STK3     | U26424   | 5   | 4.1  | 3.6 |
| 1948_f.at  | nitric oxide synthase 2A (inducible, hepatocytes)                  | NOS2A    | U31511   | 5   | 0.4  | 2.7 |
| 32233_at   | torsin family 1, member B (torsin B)                               | TOR1B    | AF007872 | 5   | 6.9  | 13  |
| 32662_at   | KIAA0170 gene product  |          | AI041663 | 5   | 0.1  | 1   |
| 34373_at   | upstream regulatory element binding protein 1                      |          | Z97054   | 5   | 1.1  | 0   |
| 1289_at    | glutathione S-transferase M5                                       | GSTM5    | L02321   | 5   | 1.1  | 4.8 |
| 1072_g.at  | GATA-binding protein 2   | GATA2    | M77810   | 5   | 1.5  | 6.3 |
| 38064_at   | major vault protein  | MVP      | X79882   | 5   | 11.8 | 0.9 |
| 39170_at   |  |          | AL049957 | 5   | 1.4  | 0   |

Figure 11XXX

|            |  |  |              |                    |   |   |      |      |
|------------|--|--|--------------|--------------------|---|---|------|------|
| 82798_g_at | chromosome 6 open reading frame 32                 |  | C6ORF32      | A0016644           | 5 | 5 | 0    | 2.5  |
| 48488_at   | hypothetical protein                               |  |              | A1889499           | 5 | 5 | 0    | 0    |
| 89829_at   | hypothetical protein FLJ10521                      |  |              | A1913628           | 5 | 5 | 0.6  | 0.6  |
| 66361_at   |  |  |              | AA009699           | 5 | 5 | 4.3  | 0.8  |
| 73713_at   | RAB, member of RAS oncogene family-like 2A         |  | RABL2A       | A051621            | 5 | 5 | 0.4  | 2.5  |
| 53828_at   |  |  |              | A1929168           | 5 | 5 | 1.1  | 3.6  |
| 62472_at   |  |  |              | H49102             | 5 | 5 | 1.5  | 2.3  |
| 83036_at   |  |  |              | A1271559           | 5 | 5 | 0.5  | 3    |
| 82768_g_at |  |  |              | AA913354           | 5 | 5 | 0.8  | 2.5  |
| 83224_r_at |  |  |              | A1053582           | 5 | 5 | 1.6  | 0.5  |
| 66108_s_at |  |  |              | A1915696           | 5 | 5 | 2.9  | 1.6  |
| 79105_at   |  |  |              | AA830599           | 5 | 5 | 5.6  | 2.2  |
| 69388_at   |  |  |              | A1299040           | 5 | 5 | 0    | 2.6  |
| 49516_at   |  |  |              | AA531016           | 5 | 5 | 6.6  | 3.5  |
| 61354_at   |  |  |              | AA218990           | 5 | 5 | 1.3  | 1.5  |
| 70495_at   |  |  |              | A1453095           | 5 | 5 | 4.2  | 2.8  |
| 57608_at   |  |  |              | AA523335           | 5 | 5 | 1.7  | 0    |
| 46169_at   |  |  |              | A1745624           | 5 | 5 | 4.5  | 12.3 |
| 46514_at   |  |  |              | R38647             | 5 | 5 | 2.9  | 0    |
| 53321_r_at |  |  |              | AL043875           | 5 | 5 | 3.5  | 5.1  |
| 51991_at   |  |  |              | A1884621           | 5 | 5 | 1    | 0.5  |
| 45204_s_at | cyclin L ania-6a                                   |  |              | A1378647           | 5 | 5 | 10.2 | 5.2  |
| 53657_r_at | non-kinase Cdc42 effector protein SPEC2            |  |              | N29695             | 5 | 5 | 2.3  | 5.4  |
| 58339_at   | hypothetical protein FLJ13222                      |  |              | A1825880           | 5 | 5 | 2.2  | 2.4  |
| 73128_at   | dihydropyrimidinase-like 3                         |  |              | R52747             | 5 | 5 | 2.7  | 3    |
| 46277_at   |  |  | DPTSL3       | A1983251           | 5 | 5 | 7.2  | 0    |
| 58688_at   | RAB23, member RAS oncogene family                  |  |              | A1031551           | 5 | 5 | 10.2 | 1.6  |
| 55495_at   |  |  | RAB23        | A1742498           | 5 | 5 | 1.4  | 1.6  |
| 46724_at   | tensin   |  |              | AA187437           | 5 | 5 | 0    | 0.5  |
| 52252_l_at |  |  | TNS          | AL046979           | 5 | 5 | 3.9  | 0    |
| 54167_at   |  |  |              | 2963428            | 5 | 5 | 1.7  | 1    |
| 39801_at   | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 |  |              | 3162292            | 5 | 5 | 1.8  | 1.5  |
| 40382_at   | corticotropin releasing hormone                    |  | PLOD3<br>CRH | AF046889<br>V00571 | 5 | 5 | 2.1  | 5.9  |
| 48059_at   |  |  |              | R61448             | 5 | 5 | 4.7  | 3.8  |
|            |  |  |              |                    |   |   | 4.4  | 3.5  |

Figure 11YYY

|            |   |        |          |     |      |      |
|------------|---|--------|----------|-----|------|------|
| 39340_at   | hexosaminidase A (alpha polypeptide)                                      | HEXA   | M16424   | 5   | 1.5  | 5.1  |
| 65737_r_at |   |        | A1701293 | 5   | 2.7  | 5.7  |
| 58780_s_at | hypothetical protein FLJ10357   |        | R42449   | 5   | 2.6  | 4.6  |
| 45255_at   | CGI-69 protein  |        | A1354351 | 5   | 3.5  | 5.2  |
| 45808_at   | anaphase-promoting complex subunit 7                                      |        | AA131793 | 5   | 2.4  | 5.2  |
| 34427_g_at | major histocompatibility complex, class I-like sequence                   | HLA    | U22963   | 4.9 | 3.7  | 0.9  |
| 38892_at   | KIAA0240 protein  |        | D87077   | 4.9 | 2.5  | 1.2  |
| 33437_at   | homolog of yeast SPB1   |        | AJ005892 | 4.9 | 1.3  | 0.7  |
| 36270_at   | CD86 antigen (CD28 antigen ligand 2, B7.2 antigen)                        | CD86   | U04343   | 4.9 | 13.2 | 3.9  |
| 35720_at   | KIAA0893 protein  |        | AB020700 | 4.9 | 2.2  | 10.8 |
| 31590_g_at | gamma-aminobutyric acid (GABA) B receptor, 1                              | GABBR1 | AL031983 | 4.9 | 0.9  | 10.3 |
| 41592_at   | JAK binding protein   |        | AB000734 | 4.9 | 6    | 7.7  |
| 35293_at   | Sjogren syndrome antigen A2 (60kD, ribonucleoprotein autoantigen SS A/Ro) | SSA2   | J04137   | 4.9 | 2.3  | 1.4  |
| 35363_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD)                    | DDX17  | AL080113 | 4.9 | 2.7  | 0    |
| 36550_at   | ras association (RalGDS/AF-6) domain containing protein JC265             |        | AL049538 | 4.9 | 2.9  | 3    |
| 40347_at   |   |        | AA913812 | 4.9 | 3.5  | 0.7  |
| 40668_s_at | CD6 antigen   | CD6    | U34624   | 4.9 | 2.5  | 12.2 |
| 40712_at   | a disintegrin and metalloproteinase domain 8                              | ADAM8  | D26579   | 4.9 | 7.2  | 1.2  |
| 75743_at   |   |        | AA668789 | 4.9 | 3.4  | 1.6  |
| 78468_at   |   |        | F26341   | 4.9 | 1    | 2.7  |
| 90341_at   |   |        | H04388   | 4.9 | 4.3  | 0.2  |
| 91905_s_at |   |        | AI609998 | 4.9 | 0.7  | 1.3  |
| 47215_r_at |   |        | AA129058 | 4.9 | 2.9  | 8.4  |
| 49237_at   | RNA binding motif protein, X chromosome                                   | RBMX   | AI971694 | 4.9 | 2.5  | 12.8 |
| 63242_i_at |   |        | AI809894 | 4.9 | 2    | 4.7  |
| 54658_at   | hypothetical protein FLJ10955   |        | AI961496 | 4.9 | 3.3  | 1.5  |
| 44731_at   |   |        | AI807804 | 4.9 | 3.6  | 2.2  |
| 84588_at   |   |        | AI691077 | 4.9 | 2.9  | 4.3  |
| 56965_at   | HSPC056 protein   |        | N51105   | 4.9 | 6.4  | 1    |
| 74935_at   | hypothetical protein FLJ11274   |        | W04760   | 4.9 | 0.3  | 2.6  |
| 43690_at   |   |        | AA019641 | 4.9 | 0.2  | 0.4  |
| 75820_r_at |   |        | AI679201 | 4.9 | 1.6  | 2.5  |
| 65936_at   |   |        | AA034414 | 4.9 | 3.3  | 4.7  |
| 69763_r_at |   |        | AI865825 | 4.9 | 0.9  | 3.8  |

Figure 11ZZZ





|            |   |         |          |     |      |      |
|------------|---|---------|----------|-----|------|------|
| 32940_at   | Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1 | AMMECR1 | AJ007014 | 4.8 | 1.1  | 8    |
| 39302_at   | desmocollin 2   | DSC2    | X56807   | 4.8 | 0.5  | 2.2  |
| 33894_at   | neuroepithelial cell transforming gene 1  | NET1    | AJ010046 | 4.8 | 1.7  | 0.5  |
| 35145_at   | MAX binding protein   | MNT     | X96401   | 4.8 | 5    | 0    |
| 39604_at   | pleckstrin homology, Sec7 and coiled/coil domains, binding protein                                    | PSCDBP  | AF068836 | 4.8 | 2.4  | 2.2  |
| 36971_at   | KIAA0257 protein  |         | D87446   | 4.8 | 5.4  | 2    |
| 35675_at   | vinexin beta (SH3-containing adaptor molecule-1)  |         | AF037261 | 4.8 | 2    | 8.7  |
| 35303_at   | insulin induced gene 1  | INSIG1  | U96876   | 4.8 | 2.6  | 0    |
| 35838_at   | clones 23667 and 23775 zinc finger protein  |         | U90919   | 4.8 | 2.4  | 2.4  |
| 32530_at   | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide             | YWHAQ   | X56468   | 4.8 | 2.9  | 7.4  |
| 37358_at   | ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5)                                       | UBE2E1  | AI039880 | 4.8 | 1.7  | 4.6  |
| 231_at     | transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)                       | TGM2    | M55153   | 4.8 | 2.5  | 0    |
| 39182_at   | epithelial membrane protein 3   | EMP3    | U87947   | 4.8 | 3.8  | 5    |
| 75627_at   |   |         | AA703201 | 4.8 | 4    | 1    |
| 52929_at   |   |         | AL044396 | 4.8 | 1.5  | 4.6  |
| 50829_at   |   |         | AA706818 | 4.8 | 10.8 | 10.5 |
| 64448_at   | DKFZP727G051 protein  |         | AA203321 | 4.8 | 0.8  | 1.6  |
| 89166_at   |   |         | AI953998 | 4.8 | 4.6  | 0.7  |
| 67240_at   |   |         | AI377910 | 4.8 | 0.6  | 0.4  |
| 51628_at   |   |         | AA009692 | 4.8 | 2.8  | 0    |
| 85526_at   |   |         | R64696   | 4.8 | 3.2  | 0    |
| 85530_at   |   |         | AI732798 | 4.8 | 0.5  | 1.4  |
| 63817_at   | DKFZP434B203 protein  |         | AA099904 | 4.8 | 2.6  | 6.3  |
| 58926_r_at | hypothetical protein  |         | AI979070 | 4.8 | 1.1  | 3.3  |
| 73656_r_at |   |         | AI719644 | 4.8 | 1.2  | 6.1  |
| 64152_at   |   |         | AA703523 | 4.8 | 0    | 0.4  |
| 59698_at   |   |         | H11817   | 4.8 | 0.1  | 9.2  |
| 76989_at   |   |         | AI333655 | 4.8 | 0    | 0.3  |
| 48035_r_at |   |         | T95654   | 4.8 | 2.1  | 2.6  |
| 69001_at   |   |         | AA831691 | 4.8 | 2.4  | 2.1  |

Figure 11BBBB

|            |  |  |         |          |     |     |     |
|------------|--|--|---------|----------|-----|-----|-----|
| 50134_at   |  |  |         | R66534   | 4.8 | 1.5 | 5.8 |
| 73439_at   | hypothetical protein MGC3156   |  |         | AA349855 | 4.8 | 2   | 2.8 |
| 63373_at   |  |  |         | AA194033 | 4.8 | 4.8 | 2.2 |
| 73574_at   |  |  |         | A1290214 | 4.8 | 3.7 | 8.1 |
| 64577_at   |  |  |         | H60064   | 4.8 | 2.1 | 2.9 |
| 44066_s_at | G protein-coupled receptor kinase-interactor 1   |  | GIT1    | A1887641 | 4.8 | 2.8 | 5.5 |
| 53546_at   |  |  |         | A1168683 | 4.8 | 3.7 | 6.7 |
| 62165_at   | x 006 protein  |  |         | W72231   | 4.8 | 3.2 | 5.9 |
| 45580_s_at |  |  |         | A1983200 | 4.8 | 3.6 | 1.8 |
| 53680_at   |  |  |         | A1130786 | 4.8 | 0   | 1.3 |
| 51813_at   |  |  |         | A1797095 | 4.8 | 7.1 | 1.8 |
| 46237_at   |  |  |         | AW001342 | 4.8 | 2.5 | 6.7 |
| 58682_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1   |  | DDXBP1  | A1348378 | 4.8 | 6.2 | 0   |
| 52347_at   | CGI-60 protein   |  |         | A1985204 | 4.8 | 0.3 | 1.4 |
| 54989_at   |  |  |         | H43374   | 4.8 | 4.9 | 1.2 |
| 51697_r_at |  |  |         | AA649308 | 4.8 | 3   | 4   |
| 55601_at   |  |  |         | A1742770 | 4.8 | 2.9 | 0   |
| 47608_at   |  |  |         | A1697401 | 4.8 | 1.1 | 1.2 |
| 47330_at   |  |  |         | W81697   | 4.8 | 1.5 | 9.3 |
| 70054_i_at |  |  |         | T99829   | 4.8 | 1.7 | 3.5 |
| 73569_r_at |  |  |         | A1708856 | 4.8 | 0.9 | 2.7 |
| 75232_at   |  |  |         | N31820   | 4.8 | 1.1 | 1.3 |
| 80059_at   |  |  |         | H79244   | 4.8 | 1.1 | 3.4 |
| 84212_i_at |  |  |         | A1203819 | 4.8 | 0   | 2.6 |
| 38716_at   | calcium/calmodulin-dependent protein kinase kinase 2, beta   |  | CAMKK2  | AB018330 | 4.8 | 0   | 2.4 |
| 41603_at   | transducin (beta)-like 3   |  | TBL3    | U02609   | 4.8 | 3.8 | 5   |
| 39866_at   | ubiquitin specific protease 22   |  | USP22   | AB028986 | 4.8 | 2.6 | 5.9 |
| 40113_at   | GS3955 protein   |  |         | D87119   | 4.8 | 3.1 | 4.1 |
| 40824_at   | RAN binding protein 16   |  | RANBP16 | AB018288 | 4.8 | 2.5 | 5.3 |
| 38943_at   | holocytochrome c synthase (cytochrome c heme-lyase)  |  | HCCS    | U36787   | 4.8 | 2.9 | 4.4 |
| 38733_at   | X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining; ku autoantigen, 80kD) |  | XRCC5   | M30938   | 4.8 | 1   | 4.3 |
| 33198_at   | binder of Arl Two  |  |         | AA206524 | 4.8 | 2.3 | 6.8 |
| 56520_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 5  |  | NUDT5   | A1188576 | 4.8 | 3.3 | 4.3 |
| 45307_at   |  |  |         | A1921204 | 4.8 | 1.6 | 5.9 |

Figure 11CCCC

|            |   |          |          |     |     |      |
|------------|---|----------|----------|-----|-----|------|
| 50244_at   | nucleotide binding protein 2 (E.coli MinD like)                           | NUBP2    | AA552351 | 4.8 | 5.6 | 6.4  |
| 45878_at   |   |          | W21966   | 4.8 | 3.9 | 4.6  |
| 39971_at   | lymphoblastic leukemia derived sequence 1                                 | LYL1     | M22637   | 4.8 | 3.5 | 4.8  |
| 38612_at   | tetraspan 3   |          | M69023   | 4.7 | 3.5 | 0.9  |
| 38630_at   |   |          | AL080192 | 4.7 | 4.6 | 1.8  |
| 39486_s_at | KIAA1237 protein  |          | W28968   | 4.7 | 1.1 | 0.6  |
| 1713_s_at  | cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)       | CDKN2A   | U26727   | 4.7 | 0   | 5.6  |
| 39410_at   | development and differentiation enhancing factor 2                        | DDEF2    | AB007860 | 4.7 | 0.2 | 6.1  |
| 40202_at   | basic transcription element binding protein 1                             | BTEB1    | D31716   | 4.7 | 1.5 | 3.5  |
| 40064_at   | amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3 | ALS2CR3  | AB011121 | 4.7 | 0.8 | 1.5  |
| 40470_at   | oxoglutarate dehydrogenase (lipoamide)                                    | OGDH     | D10523   | 4.7 | 3.6 | 0.3  |
| 32820_at   | CCR4-NOT transcription complex, subunit 4                                 | CNOT4    | U71267   | 4.7 | 4   | 10.4 |
| 39310_at   | bradykinin receptor B2  | BDKRB2   | X86163   | 4.7 | 0.2 | 4.6  |
| 610_at     | adrenergic, beta-2, receptor, surface                                     | ADRB2    | M15169   | 4.7 | 0.9 | 2    |
| 33492_at   |   |          | A1624840 | 4.7 | 1.8 | 7.1  |
| 35285_at   | solute carrier family 4, sodium bicarbonate cotransporter, member 4       | SLC4A4   | AF007216 | 4.7 | 0.1 | 1.8  |
| 40310_at   | toil-like receptor 2  | TLR2     | AF051152 | 4.7 | 3.5 | 0    |
| 35190_at   | KIAA0469 gene product   | KIAA0469 | AL031447 | 4.7 | 1.3 | 2    |
| 37977_at   | KIAA1528 protein  |          | AI138834 | 4.7 | 2.4 | 0.4  |
| 39141_at   | ATP-binding cassette, subfamily F (GCN20), member 1                       | ABCF1    | AF027302 | 4.7 | 4.1 | 0    |
| 467_at     | osteoclast stimulating factor 1   | OSTF1    | U63717   | 4.7 | 2.5 | 0    |
| 42270_at   |   |          | W24320   | 4.7 | 1.5 | 6.1  |
| 56991_at   |   |          | A1927199 | 4.7 | 1.2 | 6.5  |
| 57016_at   | hypothetical protein FLJ11264   |          | A1692513 | 4.7 | 6.4 | 10   |
| 52287_at   | long-chain fatty acid coenzyme A ligase 5                                 |          | AA514342 | 4.7 | 0.8 | 0    |
| 76152_s_at |   |          | A1634548 | 4.7 | 0   | 0.7  |
| 81262_at   |   |          | A1280818 | 4.7 | 0.6 | 0.2  |
| 89955_at   |   |          | AW020975 | 4.7 | 1   | 0    |
| 66849_at   |   |          | A1160370 | 4.7 | 1.4 | 1.8  |
| 58452_at   | sperm associated antigen 9  | SPAG9    | AL079765 | 4.7 | 2.4 | 11.1 |
| 75150_at   |   |          | A1631846 | 4.7 | 3.8 | 1.1  |
| 83391_at   |   |          | A1638800 | 4.7 | 1.1 | 2.8  |

Figure 11DDDD

|            |  |  |        |          |     |      |      |
|------------|--|--|--------|----------|-----|------|------|
| 62765_r.at | hypothetical protein FLJ22995                                  |  |        | D20046   | 4.7 | 10.6 | 2.9  |
| 62652_at   |  |  |        | A1962194 | 4.7 | 3.1  | 4.8  |
| 50608_r.at | putative brain nuclearly-targeted protein                      |  |        | A1792919 | 4.7 | 1.3  | 5.5  |
| 67639_at   |  |  |        | AL048402 | 4.7 | 3.1  | 1.6  |
| 67963_at   |  |  |        | AA436007 | 4.7 | 4.7  | 3.1  |
| 68160_at   |  |  |        | A1874267 | 4.7 | 4.2  | 0    |
| 87787_at   |  |  |        | T83663   | 4.7 | 1.6  | 0.5  |
| 87874_at   |  |  |        | T69727   | 4.7 | 4.4  | 8.2  |
| 56911_r.at |  |  |        | N66563   | 4.7 | 1.5  | 2.3  |
| 86833_r.at |  |  |        | H68862   | 4.7 | 3.1  | 7.3  |
| 44202_at   |  |  |        | AA417797 | 4.7 | 3.8  | 6.1  |
| 72672_at   |  |  |        | A1765157 | 4.7 | 1.8  | 0.7  |
| 52204_at   |  |  |        | AA894564 | 4.7 | 5    | 4.3  |
| 70816_at   |  |  |        | AA630392 | 4.7 | 2.3  | 0    |
| 82391_at   |  |  |        | AA160048 | 4.7 | 0.1  | 1.9  |
| 44588_at   |  |  |        | AA604268 | 4.7 | 3.1  | 2.4  |
| 72514_at   |  |  |        | N42884   | 4.7 | 1.2  | 0.3  |
| 54387_at   |  |  |        | A1762856 | 4.7 | 4.8  | 1.4  |
| 46610_at   |  |  |        | AL043934 | 4.7 | 0.8  | 0    |
| 60174_at   |  |  |        | N36861   | 4.7 | 2.1  | 5.5  |
| 74680_r.at | FLN29 gene product   |  |        | AW002527 | 4.7 | 7    | 6.3  |
| 45482_s.at |  |  |        | N93263   | 4.7 | 3.4  | 0    |
| 49683_at   |  |  |        | AA027059 | 4.7 | 2.2  | 1.7  |
| 53670_at   |  |  |        | AA664156 | 4.7 | 17.4 | 9.1  |
| 52855_at   |  |  |        | A1885781 | 4.7 | 11.3 | 14.6 |
| 43752_at   |  |  |        | AA191495 | 4.7 | 1.4  | 0.5  |
| 39443_s.at | cytochrome c oxidase subunit Vb                                |  | COX5B  | M19961   | 4.7 | 2.3  | 5.7  |
| 41335_at   | DKFZP566O1646 protein  |  |        | AL050084 | 4.7 | 2.3  | 3.8  |
| 36493_at   | lymphocyte-specific protein 1                                  |  | LSP1   | M33552   | 4.7 | 1.1  | 8.8  |
| 56906_at   |  |  |        | AA193416 | 4.7 | 4.1  | 4.6  |
| 45254_at   | translocase of inner mitochondrial membrane 10 (yeast) homolog |  | TIMM10 | W02499   | 4.7 | 4.6  | 4.9  |
| 48860_at   | CGI-99 protein   |  |        | AI342336 | 4.7 | 2.7  | 6.4  |
| 50855_at   |  |  |        | AA789332 | 4.7 | 2.9  | 2.6  |
| 44705_at   | hypothetical protein   |  |        | AA133356 | 4.7 | 3.9  | 4.9  |
| 47907_at   |  |  |        | AI094180 | 4.7 | 2.2  | 4.5  |

Figure 11EEE

|            |  |         |          |     |     |      |
|------------|--|---------|----------|-----|-----|------|
| 44833_s_at | heat shock 70kD protein 8  | HSPA8   | A1986374 | 4.7 | 0.9 | 6.7  |
| 42831_at   |  |         | A1201843 | 4.7 | 4.2 | 4.7  |
| 45492_at   |  |         | AW002385 | 4.7 | 5   | 4.7  |
| 44823_s_at |  |         | AA521476 | 4.7 | 4.4 | 4.8  |
| 43929_at   |  |         | AA225263 | 4.7 | 4.6 | 4.4  |
| 55940_at   |  |         | A1701480 | 4.7 | 2.3 | 3.4  |
| 47875_at   |  |         | W15284   | 4.7 | 1.9 | 3.6  |
| 48769_at   | hypothetical protein MGC4368   |         | A121013  | 4.7 | 3   | 6.1  |
| 824_at     | glutathione S-transferase like; glutathione transferase omega                        |         | U90313   | 4.6 | 6.5 | 0    |
| 41695_at   | KIAA0414 protein   |         | AB007874 | 4.6 | 2.2 | 4.6  |
| 39906_l_at | ADP-ribosylation factor GTPase activating protein 1                                  | ARFGAP1 | AA402332 | 4.6 | 1   | 2.7  |
| 31345_at   | airway trypsin-like protease   |         | AB002134 | 4.6 | 2.7 | 15.7 |
| 31916_at   | killer cell lectin-like receptor subfamily A, member 1                               | KLRA1   | AF047445 | 4.6 | 1.3 | 5.6  |
| 40427_at   | COX17 (yeast) homolog, cytochrome c oxidase assembly protein                         | COX17   | AA149486 | 4.6 | 2   | 0.9  |
| 32738_at   | NADH dehydrogenase (ubiquinone) Fe-S protein 2 (49kD) (NADH-coenzyme Q reductase)    | NDUFS2  | AF050640 | 4.6 | 1.3 | 0    |
| 38904_at   | v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog                      | SRC     | AF077754 | 4.6 | 1.9 | 12.7 |
| 33760_at   | peroxisomal biogenesis factor 14   | PEX14   | AB017546 | 4.6 | 3.4 | 0.2  |
| 35166_at   | Down syndrome critical region gene 3   | DSCR3   | D87343   | 4.6 | 7.1 | 5.7  |
| 40612_at   | KIAA1117 protein   |         | AB029040 | 4.6 | 6.6 | 3.6  |
| 427_f_at   | interferon, alpha 10   | IFNA10  | V00551   | 4.6 | 0.5 | 25.4 |
| 35613_at   |  |         | AL042599 | 4.6 | 2.9 | 27.9 |
| 37493_at   |  |         | H04668   | 4.6 | 4.7 | 3.3  |
| 1860_at    | tumor protein p53-binding protein, 2   |         | U58334   | 4.6 | 6.6 | 0.5  |
| 36889_at   | Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide                 | FCER1G  | M33195   | 4.6 | 1.2 | 1.8  |
| 36953_at   | MAD (mothers against decapentaplegic, Drosophila) homolog 4                          | MADH4   | U44378   | 4.6 | 3.1 | 3.4  |
| 37711_at   | MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C) | MEF2C   | S57212   | 4.6 | 0.7 | 8.7  |
| 56131_at   |  |         | A1146837 | 4.6 | 1.8 | 2.4  |
| 64966_at   |  |         | A168641  | 4.6 | 5.2 | 6.1  |
| 65518_at   | RNA polymerase I transcription factor RRN3   |         | N22730   | 4.6 | 3.9 | 1.6  |
| 75179_at   | ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5)                      | UBE2D3  | R81146   | 4.6 | 4.3 | 2.1  |
| 90289_at   |  |         | A1827330 | 4.6 | 4   | 0    |

Figure 11FFFF

|            |  |  |          |          |     |      |      |
|------------|--|--|----------|----------|-----|------|------|
| 73715_at   |  |  |          | AI126206 | 4.6 | 1.9  | 12.3 |
| 66690_at   |  |  |          | H92909   | 4.6 | 0.5  | 0.1  |
| 61224_at   |  |  |          | T71614   | 4.6 | 0    | 1.5  |
| 44060_at   | selenoprotein W, 1                                     |  | SEPW1    | AA625451 | 4.6 | 1.9  | 17.2 |
| 79626_at   |  |  |          | AA962105 | 4.6 | 2.3  | 0    |
| 46457_at   | splicing factor (CC1.3)                                |  |          | AI400626 | 4.6 | 3    | 1.3  |
| 62818_at   |  |  |          | AI202885 | 4.6 | 2    | 2.2  |
| 83402_at   |  |  |          | AA700080 | 4.6 | 3.4  | 3    |
| 84383_at   |  |  |          | AI949708 | 4.6 | 2.2  | 6.2  |
| 65480_at   |  |  |          | AA166751 | 4.6 | 4.5  | 1.7  |
| 47471_at   |  |  |          | AA916868 | 4.6 | 0.4  | 0.9  |
| 44749_at   |  |  |          | T66226   | 4.6 | 2.6  | 1.1  |
| 87408_at   |  |  |          | AI221305 | 4.6 | 0.3  | 3.5  |
| 43151_at   |  |  |          | T87150   | 4.6 | 0.3  | 3.7  |
| 69446_at   |  |  |          | AA862900 | 4.6 | 4.5  | 2.7  |
| 77935_at   |  |  |          | AI939620 | 4.6 | 2.5  | 3.9  |
| 87284_at   |  |  |          | AA044789 | 4.6 | 3.8  | 0.6  |
| 42947_at   |  |  |          | AA042952 | 4.6 | 1.3  | 4.3  |
| 51074_g_at |  |  |          | N49836   | 4.6 | 4.1  | 0.4  |
| 45336_at   | pellin   |  |          | AL046918 | 4.6 | 2    | 0    |
| 72133_at   |  |  |          | W90634   | 4.6 | 2.1  | 0.3  |
| 75525_at   | KIAA0336 gene product                                  |  |          | R34331   | 4.6 | 6.7  | 2.1  |
| 82032_at   |  |  |          | AI823999 | 4.6 | 5.2  | 3.5  |
| 44643_at   |  |  |          | AI633734 | 4.6 | 0    | 0    |
| 42630_r_at | hypothetical protein FLJ13220                          |  |          | H88129   | 4.6 | 2.8  | 2.9  |
| 81769_at   | heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1 |  | HS3ST3A1 | N71828   | 4.6 | 3.3  | 2.2  |
| 46112_r_at |  |  |          | W700523  | 4.6 | 2    | 0    |
| 55264_at   | hypothetical protein SBB167                            |  |          | W79937   | 4.6 | 0.5  | 0    |
| 62477_at   | squamous cell carcinoma antigen recognized by T cell   |  |          | W81246   | 4.6 | 1.3  | 0    |
| 47359_at   |  |  |          | AA887112 | 4.6 | 0    | 0.9  |
| 46211_at   | hypothetical protein dJ1141E15.2                       |  |          | AI190033 | 4.6 | 2.6  | 1.6  |
| 80778_at   |  |  |          | AA179496 | 4.6 | 0    | 0.1  |
| 55362_at   |  |  |          | AI653767 | 4.6 | 18.2 | 19.8 |
| 43295_at   |  |  |          | AA033783 | 4.6 | 3.3  | 0    |
| 45914_at   |  |  |          | H46965   | 4.6 | 0.5  | 2.5  |

Figure 11GGGG

|            |  |          |          |     |     |      |
|------------|--|----------|----------|-----|-----|------|
| 36444_s_at | small inducible cytokine A5 (RANTES)   | SCYA5    | AF088219 | 4.6 | 3.7 | 4.5  |
| 41749_at   | ES1 (zebrafish) protein, human homolog of  | C21ORF33 | U53003   | 4.6 | 3   | 4.1  |
| 41727_at   | KIAA1007 protein   |          | AB023224 | 4.6 | 2.9 | 5.2  |
| 41562_at   | murine leukemia viral (bmi-1) oncogene homolog   | BMI1     | L13689   | 4.6 | 3.5 | 4.3  |
| 32562_at   | endoglin (Osler-Rendu-Weber syndrome 1)  | ENG      | X72012   | 4.6 | 4.7 | 6    |
| 38041_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 1 (GalNAc-T1)     | GALNT1   | U41514   | 4.6 | 3.3 | 3.5  |
| 38789_at   | transketolase (Wernicke-Korsakoff syndrome)  | TKT      | L12711   | 4.6 | 3.3 | 4.9  |
| 48810_at   | hypothetical protein DKFp761H221   |          | AI547243 | 4.6 | 3.7 | 6.5  |
| 43824_at   |  |          | AI952129 | 4.6 | 2.5 | 5.3  |
| 44632_at   |  |          | AA007697 | 4.6 | 2.4 | 4.7  |
| 45758_at   |  |          | AA034095 | 4.6 | 3   | 5.9  |
| 65620_at   | hypothetical protein FLJ14005  |          | W52855   | 4.6 | 4.4 | 4.7  |
| 50036_at   |  |          | AI189011 | 4.6 | 3.9 | 4.4  |
| 53935_at   |  |          | W74486   | 4.6 | 2.4 | 4    |
| 55571_at   |  |          | W58459   | 4.6 | 1.5 | 3.1  |
| 37119_at   | vesicle-associated membrane protein 4  | VAMP4    | AL035296 | 4.5 | 2   | 0.9  |
| 34530_at   |  |          | W73822   | 4.5 | 7.6 | 1.2  |
| 33019_at   | Parkinson disease (autosomal recessive, juvenile) 2, parkin                                      | PARK2    | AB003973 | 4.5 | 2.3 | 10.5 |
| 33283_at   | arrestin, beta 2   | ARRB2    | AF106941 | 4.5 | 0.8 | 0    |
| 31524_f.at | H2B histone family, member K   | H2BFK    | Z80782   | 4.5 | 1.4 | 7.4  |
| 33665_s_at | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)               | CSF2RA   | M73832   | 4.5 | 2.3 | 0.4  |
| 34312_at   | nuclear receptor coactivator 2   | NCOA2    | AI040324 | 4.5 | 3   | 7.6  |
| 33773_at   | myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 10 |          | U13948   | 4.5 | 0   | 2.6  |
| 33504_at   | neurexophilin 2  | NXP2     | AF043467 | 4.5 | 1.4 | 0.8  |
| 37828_at   | hypothetical protein FLJ11220  |          | AL050064 | 4.5 | 1.2 | 4.4  |
| 36703_at   | small inducible cytokine subfamily A (Cys-Cys), member 25  | SCYA25   | U86358   | 4.5 | 1   | 2.9  |
| 36452_at   | synaptopodin   |          | AB028952 | 4.5 | 1.6 | 3.6  |
| 35826_at   | suppressor of Ty (S.cerevisiae) 5 homolog  | SUP15H   | AF040253 | 4.5 | 3.1 | 3.6  |
| 36897_at   | KIAA0027 protein   |          | D25217   | 4.5 | 1   | 1.3  |
| 37941_at   | myosin-binding protein C, fast type  | MYBP-C2  | X73113   | 4.5 | 1.3 | 6.7  |
| 38355_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome                                       | DBY      | AF000984 | 4.5 | 2.3 | 0.7  |
| 56367_at   |  |          | AI630997 | 4.5 | 1.8 | 1.1  |

Figure 11HHHH



|            |   |  |       |          |     |     |      |
|------------|---|--|-------|----------|-----|-----|------|
| 65139_at   | hypothetical protein FLJ12150                         |  |       | A1925240 | 4.5 | 8.6 | 0.8  |
| 76305_at   |   |  |       | AA764974 | 4.5 | 1.4 | 0.5  |
| 76356_at   |   |  |       | AA203497 | 4.5 | 1.6 | 1.6  |
| 59043_at   |   |  |       | A1243147 | 4.5 | 0   | 0.4  |
| 82499_at   |   |  |       | A1925051 | 4.5 | 1.1 | 0    |
| 56803_at   | wingless-type MMTV integration site family, member 5A |  | WNT5A | A1968085 | 4.5 | 1.3 | 0    |
| 67164_at   |   |  |       | A1367020 | 4.5 | 2.1 | 0.1  |
| 65478_at   |   |  |       | A1744031 | 4.5 | 3.9 | 1.2  |
| 43273_at   |   |  |       | A1655806 | 4.5 | 0.8 | 1.4  |
| 68245_at   |   |  |       | H48278   | 4.5 | 2.5 | 1.7  |
| 79480_L_at |   |  |       | N49201   | 4.5 | 1.7 | 1.7  |
| 56269_at   | hypothetical protein FLJ12701                         |  |       | A1338045 | 4.5 | 2.5 | 1.4  |
| 49469_at   |   |  |       | A1871490 | 4.5 | 1.4 | 1.4  |
| 73771_at   |   |  |       | A1632232 | 4.5 | 2.5 | 3.7  |
| 57270_f_at | glutaminase   |  | GLS   | A1968420 | 4.5 | 4.8 | 0.3  |
| 86475_f_at |   |  |       | A1337926 | 4.5 | 3.1 | 3.1  |
| 63849_at   | karyopherin beta 2b, transportin                      |  |       | A1885873 | 4.5 | 0   | 0.6  |
| 86015_at   |   |  |       | A1652445 | 4.5 | 0.6 | 0.4  |
| 87673_at   |   |  |       | A1982610 | 4.5 | 0.6 | 0.2  |
| 84407_f_at |   |  |       | A1032906 | 4.5 | 0.6 | 1    |
| 85125_g_at |   |  |       | A1074707 | 4.5 | 5   | 3.6  |
| 53978_at   |   |  |       | AW024692 | 4.5 | 1.2 | 11.3 |
| 45918_at   |   |  |       | N53560   | 4.5 | 1.6 | 3.9  |
| 43356_s_at | D-type cyclin-interacting protein 1                   |  |       | A1970622 | 4.5 | 1.4 | 0    |
| 62261_s_at | LIM domains containing 1                              |  | LIMD1 | A1933287 | 4.5 | 3.7 | 1.7  |
| 45661_at   |   |  |       | N90348   | 4.5 | 5.5 | 6.7  |
| 60188_at   |   |  |       | AA629050 | 4.5 | 8.1 | 3.1  |
| 65892_at   | fatty acid binding protein 1, liver                   |  | FABP1 | AA001405 | 4.5 | 2.7 | 0    |
| 53997_at   | seven transmembrane domain orphan receptor            |  |       | AA622413 | 4.5 | 1.7 | 0.7  |
| 54521_g_at |   |  |       | A1084224 | 4.5 | 4.3 | 1.4  |
| 46234_at   | CGI-148 protein                                       |  |       | AA043242 | 4.5 | 4   | 4.9  |
| 54067_at   |   |  |       | A1982669 | 4.5 | 0.3 | 0    |
| 48633_at   | KIAA1254 protein                                      |  |       | A1770067 | 4.5 | 3.3 | 0.7  |
| 62971_at   | hypothetical protein FLJ12428                         |  |       | A1799804 | 4.5 | 2.9 | 2.3  |
| 61005_at   |   |  |       | AA009648 | 4.5 | 3   | 4.1  |

Figure 11III

|            |  |  |         |          |     |     |      |
|------------|--|--|---------|----------|-----|-----|------|
| 57423_at   |  |  |         | AA433928 | 4.5 | 0.5 | 0.8  |
| 87232_at   |  |  |         | AA487296 | 4.5 | 1.2 | 5.3  |
| 33308_at   | glucuronidase, beta  |  | GUSB    | M15182   | 4.5 | 0.8 | 4.8  |
| 32317_s_at | sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2  |  | SULT1A2 | U34804   | 4.5 | 3.1 | 4.1  |
| 39135_at   | KIAA0767 protein   |  |         | AB018310 | 4.5 | 3.7 | 4.3  |
| 47714_at   |  |  |         | AA018412 | 4.5 | 2.4 | 2.7  |
| 33689_s_at | D-dopachrome tautomerase   |  | DDT     | AF012434 | 4.5 | 1.8 | 4.7  |
| 55301_at   |  |  |         | A1634118 | 4.5 | 2.6 | 4.3  |
| 57497_at   |  |  |         | AA419263 | 4.5 | 3.9 | 4.1  |
| 58468_at   |  |  |         | C17704   | 4.5 | 4.5 | 4.3  |
| 58647_at   | glutathione S-transferase M1   |  | GSTM1   | AA203289 | 4.5 | 3   | 3.2  |
| 46594_at   | hypothetical protein FLJ20186  |  |         | AW014780 | 4.5 | 4.3 | 4.6  |
| 44079_at   | general transcription factor IIIA  |  | GTF3A   | AA166851 | 4.5 | 3.9 | 4.9  |
| 43485_s_at | hypothetical protein FLJ21343  |  |         | A1633875 | 4.5 | 2.9 | 3    |
| 47104_at   |  |  |         | A1760368 | 4.5 | 3.4 | 4    |
| 47561_at   |  |  |         | AA877614 | 4.5 | 3.5 | 5.7  |
| 39385_at   | alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150) |  | ANPEP   | M22324   | 4.4 | 3.5 | 0.1  |
| 36347_f_at | H2B histone family, member D   |  | H2BFD   | AA873858 | 4.4 | 1.4 | 6.4  |
| 40407_at   | karyopherin alpha 2 (RAG cohort 1, importin alpha 1)   |  | KPNA2   | U28386   | 4.4 | 2   | 2    |
| 31342_at   | UDP-N-acetyl-alpha-D-galactosamine-polypeptide N-acetyl-galactosaminyltransferase 2 (GalNAc-T2)              |  | GALNT2  | X85019   | 4.4 | 1.3 | 3.9  |
| 32635_at   | transcriptional intermediary factor 1 gamma  |  |         | AB029036 | 4.4 | 3.7 | 6.1  |
| 32693_at   | KIAA1040 protein   |  |         | AB028963 | 4.4 | 0.7 | 13.5 |
| 33219_at   | KIAA1097 protein   |  |         | AB029020 | 4.4 | 3.7 | 1.7  |
| 41770_at   | monoamine oxidase A  |  | MAOA    | AA420624 | 4.4 | 0   | 0    |
| 34655_at   | membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)   |  | MPP2    | A1951832 | 4.4 | 0.2 | 10.4 |
| 38982_at   | TRF2-interacting telomeric RAP1 protein  |  |         | W28865   | 4.4 | 1.6 | 4.3  |
| 35213_at   | WW domain binding protein 4 (formin binding protein 21)  |  | WBP4    | AF071185 | 4.4 | 1.9 | 2.6  |
| 41584_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 3  |  | NUDT3   | AF062529 | 4.4 | 0.9 | 6.4  |
| 35007_at   |  |  |         | AC004940 | 4.4 | 0.5 | 0.8  |
| 37403_at   | annexin A1   |  | ANXA1   | X05908   | 4.4 | 2.6 | 4.1  |
| 37088_at   | serine/threonine kinase 13 (aurora/PL1-like)   |  | STK13   | AF059681 | 4.4 | 2.6 | 3.9  |
| 56940_g_at |  |  |         | A1963304 | 4.4 | 3.6 | 4.3  |

Figure 11JJJJ

|            |  |        |          |     |      |      |
|------------|--|--------|----------|-----|------|------|
| 48118_at   | CGI-97 protein   |        | AA044743 | 4.4 | 1.5  | 1.8  |
| 56456_at   | hypothetical protein dJ1181N3.1  |        | A1632926 | 4.4 | 2.2  | 0.6  |
| 81567_at   |  |        | A1190905 | 4.4 | 1.7  | 0.9  |
| 47459_at   |  |        | A1290653 | 4.4 | 2.3  | 4.1  |
| 76717_at   |  |        | A1375865 | 4.4 | 0.5  | 3.3  |
| 66616_at   |  |        | AA285069 | 4.4 | 2.7  | 6    |
| 64991_at   |  |        | A1762686 | 4.4 | 0    | 0    |
| 64346_r_at | nuclear factor (erythroid-derived 2)-like 2                            | NFE2L2 | AW023229 | 4.4 | 2.7  | 2.9  |
| 82372_at   |  |        | AA907150 | 4.4 | 0.9  | 0.9  |
| 84765_at   |  |        | A1446030 | 4.4 | 7.1  | 1.9  |
| 49312_at   | CGI-102 protein  |        | AA747303 | 4.4 | 3.2  | 7.4  |
| 63398_at   | similar to Bos taurus P14 protein                                      |        | AA130220 | 4.4 | 6.9  | 2.1  |
| 67890_at   |  |        | A1613399 | 4.4 | 3.2  | 1.3  |
| 87942_at   |  |        | AA936705 | 4.4 | 2.7  | 1.6  |
| 45280_at   | hypothetical protein DKFZ566G1424                                      |        | AA703316 | 4.4 | 1.5  | 1.1  |
| 47565_at   | myeloid/lymphoid or mixed-lineage leukemia (t(11q23) myeloid/lymphoid) | MLL    | W55861   | 4.4 | 1.4  | 2.9  |
| 70379_at   |  |        | A1744361 | 4.4 | 1.2  | 0.7  |
| 44328_at   | hypothetical protein MGC5487   |        | AA905113 | 4.4 | 2    | 6.1  |
| 62495_f_at |  |        | A1433785 | 4.4 | 17.4 | 28.1 |
| 43367_at   | hypothetical protein FLJ20730  |        | A1979164 | 4.4 | 1.5  | 0.4  |
| 43489_at   | hair/enhancer-of-split related with YRPW motif-like                    | HEYL   | AL040197 | 4.4 | 3.2  | 5.1  |
| 43931_at   | hypothetical protein FLJ11269  |        | A1741524 | 4.4 | 1.9  | 6.3  |
| 56384_i_at |  |        | R17914   | 4.4 | 1.3  | 0.5  |
| 48696_at   |  |        | H48142   | 4.4 | 0    | 0    |
| 56264_at   |  |        | AA703335 | 4.4 | 1    | 2.9  |
| 89969_at   | ribosomal protein S15a   | RPS15A | AW003898 | 4.4 | 2.9  | 0    |
| 83868_r_at |  |        | A1031837 | 4.4 | 0    | 0.8  |
| 72475_r_at |  |        | AA063087 | 4.4 | 0.2  | 1.2  |
| 72928_at   |  |        | A1638648 | 4.4 | 1.9  | 3    |
| 45876_at   |  |        | AA536137 | 4.4 | 0.6  | 2.1  |
| 60537_at   |  |        | AL038866 | 4.4 | 1.3  | 0.3  |
| 60124_at   |  |        | H61529   | 4.4 | 3.1  | 3.6  |
| 74302_at   |  |        | AA028209 | 4.4 | 1    | 2.6  |
| 41928_at   |  |        | AA029647 | 4.4 | 3.2  | 1.6  |

Figure 11KKKK

|            |   |        |                      |     |     |     |
|------------|---|--------|----------------------|-----|-----|-----|
| 35253_at   | GRB2-associated binding protein 2   | GAB2   | AB011143             | 4.3 | 1.2 | 0   |
| 463_g_at   | nuclear factor I/B  | NFIB   | U70862               | 4.3 | 0.8 | 2.9 |
| 39975_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2                                   |        | AC002400             | 4.3 | 0.9 | 0.4 |
| 40332_at   | 7.60 protein  |        |                      |     |     |     |
| 36899_at   | special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)                           | SATB1  | AF109134<br>M97287   | 4.3 | 4.2 | 5.3 |
| 37188_at   | phosphoenolpyruvate carboxykinase 2 (mitochondrial)   | PKC2   | X92720               | 4.3 | 5.2 | 0   |
| 36989_at   | dystroglycan 1 (dystrophin-associated glycoprotein 1)   | DAG1   | L19711               | 4.3 | 1.7 | 1.9 |
| 38796_at   | complement component 1, q subcomponent, beta polypeptide  | C1QB   | X03084               | 4.3 | 3.9 | 0   |
| 56837_at   | globotriaosylceramide/CD77 synthase; Gb3/CD77 synthase; alpha1,4-galactosyltransferase; 4-N-acetylglucosaminyltransferase |        | AA769110             | 4.3 | 1.4 | 0.4 |
| 56927_at   |   |        |                      |     |     |     |
| 91181_at   | uncharacterized hematopoietic stem/progenitor cells protein MDS031  |        | W49628<br>AW044698   | 4.3 | 4.5 | 7.8 |
| 57414_at   |   |        |                      |     |     |     |
| 58260_at   |   |        | AA878480             | 4.3 | 1.3 | 3   |
| 87639_at   | eukaryotic translation initiation factor 2C, 1  | EIF2C1 | AA806364<br>AI971316 | 4.3 | 2   | 4.5 |
| 89954_at   | cysteineyl-tRNA synthetase  |        | AA908890             | 4.3 | 3.1 | 0.4 |
| 49278_g_at |   | CARS   | AA534436             | 4.3 | 2.7 | 1.8 |
| 85068_at   |   |        | AI032972             | 4.3 | 0.9 | 1.9 |
| 80554_s_at |   |        | AW004040             | 4.3 | 0   | 0   |
| 85293_at   |   |        | AI468014             | 4.3 | 0.9 | 0   |
| 90699_at   |   |        | AA434032             | 4.3 | 2.5 | 0   |
| 43708_at   |   |        | R10307               | 4.3 | 0   | 0.4 |
| 68195_at   |   |        | AI627334             | 4.3 | 0.9 | 4.1 |
| 68496_at   |   |        | AI653006             | 4.3 | 1.3 | 2.5 |
| 86306_f_at |   |        | AI656897             | 4.3 | 1.5 | 3.3 |
| 70302_at   |   |        | AI222295             | 4.3 | 1.6 | 2.2 |
| 56319_at   | cofactor required for Sp1 transcriptional activation, subunit 6 (77kD)  | CRSP6  | C05931               | 4.3 | 2.7 | 0.3 |
| 49539_at   | tryptophanyl tRNA synthetase 2 (mitochondrial)  |        |                      |     |     | 4.8 |
| 44077_at   | hypothetical protein FLJ10415   | WARS2  | R40635               | 4.3 | 1.7 | 0   |
| 65484_f_at | glutaminase   |        | AA524061             | 4.3 | 1.5 | 0   |
|            |   | GLS    | AI768354             | 4.3 | 3.3 | 0.4 |

Figure 11MMMM



|            |  |  |         |          |     |     |      |
|------------|--|--|---------|----------|-----|-----|------|
| 63826_at   | hypothetical protein FLJ12492  |  |         | W81045   | 5.6 | 3.6 | 0    |
| 42881_at   |  |  |         | R88708   | 5.6 | 1.6 | 1.5  |
| 71936_at   |  |  |         | A1148006 | 5.6 | 4.2 | 3.2  |
| 46960_at   |  |  |         | A1743903 | 5.6 | 0.7 | 3    |
| 45337_at   |  |  |         | W72338   | 5.6 | 5.9 | 1.6  |
| 63251_s_at |  |  |         | AA904828 | 5.6 | 1.3 | 0.6  |
| 91623_at   |  |  |         | A1185207 | 5.6 | 2   | 0.1  |
| 51185_at   | PAN2 protein   |  |         | A1309334 | 5.6 | 4.2 | 3.3  |
| 53302_r_at |  |  |         | A1741209 | 5.6 | 4.3 | 10.1 |
| 46727_at   |  |  |         | A1146850 | 5.6 | 0.9 | 0    |
| 46808_at   |  |  |         | AL120562 | 5.6 | 1.5 | 1.2  |
| 53689_at   |  |  |         | AA037664 | 5.6 | 2.2 | 0    |
| 57000_f_at | meningioma expressed antigen 5 (hyaluronidase)   |  | MGEA5   | A1453779 | 5.6 | 0.1 | 1.7  |
| 46660_at   | hypothetical protein FLJ10074  |  |         | AA018399 | 5.6 | 3.7 | 0.1  |
| 46670_at   | hypothetical protein FLJ20038  |  |         | A1921097 | 5.6 | 2.9 | 0.9  |
| 44136_at   | hypothetical protein FLJ13910  |  |         | W68512   | 5.6 | 2.8 | 4.1  |
| 78784_at   | stannin  |  | SNIN    | W72938   | 5.6 | 2.7 | 0.4  |
| 69458_f_at |  |  |         | A1693465 | 5.6 | 2.1 | 15.9 |
| 40045_g_at | chromosome 18 open reading frame 1   |  | C18ORF1 | AF009425 | 5.6 | 4.5 | 3.1  |
| 56225_at   |  |  |         | A1744466 | 5.6 | 3.3 | 4.6  |
| 64028_s_at |  |  |         | A1886403 | 5.6 | 4.4 | 5.9  |
| 49390_at   |  |  |         | AA999858 | 5.6 | 5.6 | 5.6  |
| 52261_at   |  |  |         | A1970054 | 5.6 | 4.7 | 6.4  |
| 38614_s_at | O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) |  | OGT     | U77413   | 5.5 | 1.1 | 1.8  |
| 41432_at   | ribosomal, protein S6 kinase, 90kD, polypeptide 5  |  | RPS6KA5 | AF090421 | 5.5 | 3.3 | 8.7  |
| 38980_at   | TAK1-binding protein 2; KIAA0733 protein   |  |         | AB018276 | 5.5 | 2.9 | 1.8  |
| 39826_f_at | hypothetical protein   |  |         | W29115   | 5.5 | 0.8 | 6    |
| 39061_at   | bone marrow stromal cell antigen 2   |  | BST2    | D28137   | 5.5 | 9.7 | 6.6  |
| 1310_at    | proteasome (prosome, macropain) subunit, beta type, 2  |  | PSMB2   | D26599   | 5.5 | 7   | 4.6  |
| 40219_at   | HMBA-inducible   |  |         | A1796944 | 5.5 | 0   | 4.2  |
| 40108_at   | KIAA0005 gene product  |  |         | D13630   | 5.5 | 3.2 | 0.9  |
| 32660_at   | KIAA0342 gene product  |  |         | AB002340 | 5.5 | 3.6 | 3.2  |
| 377_g_at   | sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C                                   |  | SEMA3C  | AB000220 | 5.5 | 8.1 | 0    |

Figure 11ppp

|            |  |         |          |     |      |      |
|------------|--|---------|----------|-----|------|------|
| 32307_s_at | collagen, type I, alpha 2                                      | COL1A2  | V00503   | 5.5 | 0    | 1.3  |
| 33362_at   | Cdc42 effector protein 3                                       |         | AF094521 | 5.5 | 2.1  | 9.2  |
| 37617_at   | KIAA1128 protein   |         | U90912   | 5.5 | 3.5  | 2.5  |
| 35182_f_at | hypothetical protein FLJ10849                                  |         | W25874   | 5.5 | 0    | 0    |
| 39149_at   | papillary renal cell carcinoma (translocation-associated)      | PRCC    | X99720   | 5.5 | 1.5  | 1.7  |
| 42272_at   |  |         | AA743565 | 5.5 | 1.3  | 6    |
| 58524_at   |  |         | W03029   | 5.5 | 4.1  | 0    |
| 64492_s_at |  |         | AW001883 | 5.5 | 0.9  | 3.2  |
| 74006_at   |  |         | AI984623 | 5.5 | 0.7  | 1    |
| 66774_at   |  |         | AA978204 | 5.5 | 3.3  | 2.1  |
| 74975_f_at | zinc finger protein 173  | ZNF173  | AW009746 | 5.5 | 5.5  | 14.1 |
| 76725_at   |  |         | AI203222 | 5.5 | 1.3  | 0    |
| 47489_at   |  |         | AI452516 | 5.5 | 2.9  | 1.5  |
| 75201_f_at |  |         | AI688900 | 5.5 | 11   | 7    |
| 55280_at   | putative N6-DNA-methyltransferase                              |         | AI016585 | 5.5 | 5.1  | 10.4 |
| 82806_at   |  |         | AA993487 | 5.5 | 5    | 2.6  |
| 41153_f_at | catenin (cadherin-associated protein), alpha 1 (102kD)         | CTNNA1  | AF102803 | 5.5 | 3.7  | 0.1  |
| 59608_at   |  |         | AA176289 | 5.5 | 2.6  | 0.3  |
| 73601_at   |  |         | AI885677 | 5.5 | 0    | 0.2  |
| 63950_at   |  |         | R22212   | 5.5 | 0.8  | 4.6  |
| 43838_s_at | hypothetical protein PR01068                                   |         | AA100948 | 5.5 | 0.4  | 3.4  |
| 54680_s_at |  |         | AI660022 | 5.5 | 1.2  | 0.6  |
| 68328_at   |  |         | AI475514 | 5.5 | 10.2 | 32.1 |
| 45390_at   |  |         | AI769269 | 5.5 | 7.2  | 0    |
| 42965_at   |  |         | H24422   | 5.5 | 1.7  | 1.6  |
| 57470_at   |  |         | AI091581 | 5.5 | 2    | 2.7  |
| 88025_s_at |  |         | AI199443 | 5.5 | 0.5  | 2.5  |
| 50187_at   |  |         | H46074   | 5.5 | 0.6  | 6.1  |
| 72576_at   | GCN1 (general control of amino-acid synthesis 1, yeast) like 1 | GCN1L1  | AI939557 | 5.5 | 0.5  | 1.2  |
| 55743_at   |  |         | AI457965 | 5.5 | 1.7  | 0.9  |
| 66856_r_at |  |         | AA993791 | 5.5 | 1.4  | 2.8  |
| 71516_r_at |  |         | Z40202   | 5.5 | 0.3  | 2.1  |
| 69622_at   |  |         | AI669987 | 5.5 | 6.1  | 4    |
| 35247_at   | small nuclear RNA activating complex, polypeptide 5, 19kD      |         | AI557062 | 5.5 | 2.9  | 5    |
| 60061_at   | arachidonate 5-lipoxygenase-activating protein                 | ALOX5AP | AI983204 | 5.5 | 5.1  | 5.4  |

Figure 11QQQ





|            |  |  |         |          |     |      |      |
|------------|--|--|---------|----------|-----|------|------|
| 59341_at   |  |  |         | A1311917 | 5.4 | 2.4  | 6.9  |
| 47951_at   |  |  |         | AA521145 | 5.4 | 5.2  | 5.2  |
| 47878_f.at | KIAA0117 protein   |  |         | A1656542 | 5.4 | 2.8  | 6    |
| 43488_at   | transporter-like protein   |  |         | A1768065 | 5.4 | 4.2  | 1    |
| 87391_at   |  |  |         | AA707322 | 5.4 | 4.9  | 0.3  |
| 87617_at   | hypothetical protein FLJ13385  |  |         | AA639580 | 5.4 | 1.7  | 1.6  |
| 68909_at   |  |  |         | A1091231 | 5.4 | 0.7  | 1.4  |
| 69715_at   |  |  |         | A1743419 | 5.4 | 0.5  | 2.8  |
| 72052_at   |  |  |         | N71632   | 5.4 | 0.3  | 4.4  |
| 54799_at   | glutaminase  |  | GLS     | W72090   | 5.4 | 0    | 0    |
| 58825_at   | prothymosin, alpha (gene sequence 28)  |  | PTMA    | A1701911 | 5.4 | 6.9  | 7.3  |
| 57042_at   | similar to Caenorhabditis elegans protein C42C1.9                                |  |         | W74749   | 5.4 | 1.6  | 0    |
| 49057_g.at |  |  |         | AA521489 | 5.4 | 11.9 | 0    |
| 57074_s.at |  |  |         | AW021642 | 5.4 | 1.5  | 3    |
| 50943_at   |  |  |         | W87422   | 5.4 | 0.8  | 5.7  |
| 45655_at   | tumor antigen SLP-8p   |  |         | AL045849 | 5.4 | 5.7  | 2.4  |
| 46105_at   |  |  |         | AA149641 | 5.4 | 5.4  | 0    |
| 55009_at   |  |  |         | A1359000 | 5.4 | 2.2  | 0    |
| 32007_at   |  |  |         | W29045   | 5.4 | 0.5  | 5.5  |
| 39341_at   | thyroid hormone receptor interactor 6  |  | TRIP6   | AJ001902 | 5.4 | 0.2  | 4    |
| 37759_at   | Lysosomal-associated multispinning membrane protein-5                            |  |         | U51240   | 5.4 | 2.2  | 4.9  |
| 39163_at   | likely homolog of rat kinase D-interacting substance of 220 kDa;                 |  |         | W27233   | 5.4 | 0.2  | 6.4  |
| 45521_s.at | KIAA1250 protein   |  |         |          |     |      |      |
| 63793_at   | KIAA0100 gene product  |  |         | A1967955 | 5.4 | 5.5  | 5.7  |
| 45736_at   | DNA polymerase epsilon p12 subunit   |  |         | A1797479 | 5.4 | 3.7  | 4.8  |
| 36495_at   | two-pore channel 1, homolog  |  |         | AL048491 | 5.4 | 5.2  | 5.1  |
| 31996_at   | fructose-1,6-bisphosphatase 1  |  | FBP1    | U21931   | 5.4 | 4    | 4.9  |
| 41634_at   | brefeldin A-inhibited guanine nucleotide-exchange protein 2                      |  |         | A1798834 | 5.3 | 1.5  | 0.4  |
| 37798_at   | KIAA0256 gene product  |  |         | D87445   | 5.3 | 4.6  | 2.4  |
| 41134_at   | chromosome 8 open reading frame 2  |  | C8ORF2  | AB018790 | 5.3 | 0.3  | 2.9  |
| 1383_at    | KIAA0964 protein   |  |         | AB023181 | 5.3 | 3.4  | 1.7  |
|            | protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform |  | PPP2R2A | M64929   | 5.3 | 7.5  | 12.4 |
| 41170_at   | KIAA0663 gene product  |  |         | AB014563 | 5.3 | 2.7  | 5.8  |
| 37575_at   |  |  |         | AL050192 | 5.3 | 3.6  | 2.1  |

Figure 11SSS



|            |  |          |  |          |     |     |      |
|------------|--|----------|--|----------|-----|-----|------|
| 52936.at   |  |          |  | T65761   | 5.3 | 1.5 | 5.1  |
| 55567.at   |  |          |  | AA147933 | 5.3 | 5.3 | 5.2  |
| 38684.at   | ATPase, Ca++ transporting, type 2C, member 1   | ATP2C1   |  | AJ010953 | 5.2 | 6   | 2.2  |
| 32183.at   | splicing factor, arginine/serine-rich 11   | SFRS11   |  | M74002   | 5.2 | 1.9 | 0.2  |
| 39407.at   | bone morphogenetic protein 1   | BMP1     |  | M22488   | 5.2 | 2.4 | 5    |
| 39742.at   | TRAF family member-associated NFKB activator   | TANK     |  | U59863   | 5.2 | 4   | 3.1  |
| 31856.at   | glycoprotein A repetitions predominant   | GARP     |  | Z24680   | 5.2 | 3.9 | 5.3  |
| 31975.at   |  |          |  | X55503   | 5.2 | 1.5 | 1.9  |
| 33869.at   |  |          |  | AL080218 | 5.2 | 3.2 | 3.8  |
| 39342.at   | methionine-tRNA synthetase   | MARS     |  | X94754   | 5.2 | 1.9 | 0    |
| 830.at     | Tax1 (human T cell leukemia virus type I) binding protein 1  | TAX1BP2  |  | U25801   | 5.2 | 0.8 | 3.6  |
| 11105_s.at | T cell receptor beta locus   | TRB@     |  | M12886   | 5.2 | 1.3 | 11.7 |
| 39950.at   | acid sphingomyelinase-like phosphodiesterase   |          |  | Y08136   | 5.2 | 0   | 0.9  |
| 984_g.at   | mitogen-activated protein kinase 12  | MAPK12   |  | X79483   | 5.2 | 5.9 | 8.8  |
| 37299.at   | glycogen synthase 1 (muscle)   | GYS1     |  | J04501   | 5.2 | 2   | 0    |
| 11119.at   | replication protein A2 (32KD)  | RPA2     |  | J05249   | 5.2 | 0.5 | 0.6  |
| 38384.at   | phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase | GART     |  | X54199   | 5.2 | 2.7 | 0.1  |
| 38397.at   | polymerase (DNA-directed), delta 4   | POLD4    |  | U09196   | 5.2 | 1   | 0    |
| 38437.at   | MLN51 protein  |          |  | X80199   | 5.2 | 2.6 | 1.7  |
| 277.at     | myeloid cell leukemia sequence 1 (BCL2 related)  | MCL1     |  | L08246   | 5.2 | 3.9 | 10   |
| 56371.at   | Gene 33/Mlg.6  |          |  | AA534298 | 5.2 | 3   | 0    |
| 48873.at   | hypothetical protein FLJ22693  |          |  | AI571452 | 5.2 | 3.4 | 25.2 |
| 53777.at   |  |          |  | AI672353 | 5.2 | 3.8 | 2.2  |
| 74423.at   |  |          |  | AI793024 | 5.2 | 2.2 | 2.6  |
| 82222.at   |  |          |  | T64664   | 5.2 | 0.1 | 0.3  |
| 50080.at   | lung type-I cell membrane-associated glycoprotein  | AI097194 |  |          | 5.2 | 3.3 | 3.2  |
| 51715.at   |  |          |  | AA149854 | 5.2 | 3.5 | 6.4  |
| 80829.at   |  |          |  | AA210905 | 5.2 | 4   | 3.4  |
| 59566.at   |  |          |  | AA705681 | 5.2 | 1.5 | 4.5  |
| 48547.at   | pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 1                               | PLEKHA1  |  | AA875839 | 5.2 | 1.9 | 3.5  |
| 84960.at   |  |          |  | AI004417 | 5.2 | 0.5 | 0.2  |
| 55272.at   |  |          |  | AA058569 | 5.2 | 5.6 | 2.4  |

Figure 11UUU

|            |  |  |         |          |          |     |      |
|------------|--|--|---------|----------|----------|-----|------|
| 70053_r.at |  |  |         | A1734928 | 5.2      | 0.6 | 2.2  |
| 70170_f.at |  |  |         | A1251913 | 5.2      | 2.5 | 1.8  |
| 50205_at   | leptin receptor  |  |         | LEPR     | N46838   | 5.2 | 5.1  |
| 80421_s.at | solute carrier family 21 (organic anion transporter), member 12                          |  |         | SLC21A12 | A1347130 | 5.2 | 3.1  |
| 43535_at   |  |  |         |          | N37020   | 5.2 | 2.2  |
| 87493_at   |  |  |         |          | AL042667 | 5.2 | 0.4  |
| 47430_at   |  |  |         |          | T65857   | 5.2 | 0    |
| 66512_at   |  |  |         |          | A1970258 | 5.2 | 1.6  |
| 45624_at   | core 1 UDP-galactose-4-epimerase   |  |         |          | A1967968 | 5.2 | 6.9  |
| 62306_at   | hypothetical protein   |  |         |          | T97347   | 5.2 | 2.3  |
| 55915_r.at | hypothetical protein LOC54149  |  |         |          | A1922520 | 5.2 | 13.7 |
| 46612_at   | KIAA1624 protein   |  |         |          | R39794   | 5.2 | 10.2 |
| 64740_at   |  |  |         |          | AA470369 | 5.2 | 3.5  |
| 55800_at   | hypothetical protein AL133206  |  |         |          | W72766   | 5.2 | 2.2  |
| 61299_at   | chaperonin containing TCP1, subunit 6A (zeta 1)  |  | CCT6A   | R43952   | 5.2      | 2.8 | 1.6  |
| 55650_at   |  |  |         |          | W22914   | 5.2 | 1.7  |
| 51599_at   |  |  |         |          | 2945576  | 5.2 | 2.2  |
| 31816_at   | glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II)               |  | GAA     | X55079   | 5.2      | 1.3 | 5.9  |
| 40955_at   | prostate tumor over expressed gene 1   |  | PTOV1   | U79287   | 5.2      | 2.6 | 4.6  |
| 41540_at   | protein phosphatase 1, regulatory subunit 7  |  | PPP1R7  | Z50749   | 5.2      | 2.9 | 5.2  |
| 34811_at   | ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3 |  | ATP5G3  | U09813   | 5.2      | 3.2 | 6.2  |
| 36601_at   | vinculin   |  | VCL     | M33308   | 5.2      | 4.6 | 5.1  |
| 37002_at   | biliroduct reductase B (flavin reductase (NADPH))  |  | BLVRB   | D32143   | 5.2      | 3.8 | 5.3  |
| 48750_at   | class I cytokine receptor  |  |         | A1983115 | 5.2      | 4.6 | 4.9  |
| 44638_at   | insulin-degrading enzyme   |  | IDE     | AA573292 | 5.2      | 2.6 | 4.2  |
| 59136_at   |  |  |         | AA779895 | 5.2      | 5.1 | 5.2  |
| 48811_at   | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase                       |  |         | AW007594 | 5.2      | 4   | 5    |
| 54912_at   | translocase of inner mitochondrial membrane 13 (yeast) homolog B                         |  | TIMM13B | AL035821 | 5.2      | 3.4 | 5.4  |
| 51123_at   |  |  |         | H11724   | 5.2      | 5   | 4.9  |
| 52012_at   |  |  |         | A1659020 | 5.2      | 3.5 | 5.3  |

Figure 11VV

|            |   |        |          |     |      |      |
|------------|---|--------|----------|-----|------|------|
| 53120_at   | hypothetical protein FLJ20442   |        | AI681916 | 5.2 | 4.3  | 4.8  |
| 487_g_at   | caspase 9, apoptosis-related cysteine protease  | CASP9  | U60521   | 5.1 | 4.2  | 2.4  |
| 40491_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21   | DDX21  | W84531   | 5.1 | 1.3  | 2.3  |
| 32735_at   | KIAA0931 protein  |        | AB023148 | 5.1 | 1    | 0.7  |
| 34719_at   | glutaminase   | GLS    | AB020645 | 5.1 | 0    | 0    |
| 39320_at   | caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)        | CASP1  | U13697   | 5.1 | 6.9  | 1.1  |
| 35227_at   | retinoblastoma-binding protein 8  | RBBP8  | U72066   | 5.1 | 0.9  | 5.3  |
| 34378_at   | adipose differentiation-related protein   | ADFP   | X97324   | 5.1 | 13.3 | 0.1  |
| 35845_at   | SEC24 (S. cerevisiae) related gene family, member B                                     | SEC24B | AJ131245 | 5.1 | 1.2  | 3.4  |
| 36888_at   | KIAA0841 protein  |        | AB020648 | 5.1 | 0.8  | 6.9  |
| 38027_at   | fibulin 1   | FBLN1  | X53742   | 5.1 | 0.9  | 0.5  |
| 32792_at   | GICP-interacting protein p29  |        | AL031432 | 5.1 | 3.2  | 4.1  |
| 38369_at   | myeloid differentiation primary response gene (88)                                      | MYD88  | U70451   | 5.1 | 15   | 18.4 |
| 38824_at   | Tat-interacting protein (30kD)  |        | AF039103 | 5.1 | 5.8  | 12.6 |
| 37082_at   | KIAA0426 gene product   |        | AB007886 | 5.1 | 0.6  | 2.3  |
| 54747_at   | endosulfine alpha   | ENSA   | AA167734 | 5.1 | 5.2  | 0    |
| 65027_r_at |   |        | AA532470 | 5.1 | 2.1  | 2.1  |
| 84981_r_at | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant)        | COL3A1 | T54146   | 5.1 | 8.6  | 5.6  |
| 42564_at   |   |        | W84667   | 5.1 | 2.9  | 4.6  |
| 78014_at   |   |        | AA371513 | 5.1 | 2.7  | 0.7  |
| 47832_at   |   |        | AA100654 | 5.1 | 0    | 1    |
| 43363_s_at |   |        | AI978590 | 5.1 | 1.9  | 10.4 |
| 50763_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2 |        | AA779863 | 5.1 | 6    | 3.4  |
| 42631_at   |   |        | AI984505 | 5.1 | 1.8  | 2.1  |
| 84167_at   |   |        | AI742722 | 5.1 | 2.7  | 0.4  |
| 88155_at   | H2B histone family, member B  | H2BFB  | AI25923  | 5.1 | 0    | 0.6  |
| 48374_at   |   |        | W87470   | 5.1 | 1.4  | 9.1  |
| 74131_at   |   |        | AI989784 | 5.1 | 2    | 4    |
| 58901_at   |   |        | AW021543 | 5.1 | 0    | 4.4  |
| 61745_r_at |   |        | N76044   | 5.1 | 2.7  | 8    |
| 44397_at   |   |        | H11252   | 5.1 | 4.3  | 4.4  |
| 52072_at   | hypothetical protein FLJ10718   |        | AA873182 | 5.1 | 0.8  | 4.1  |

Figure 11WWWW

|            |  |          |          |     |      |     |
|------------|--|----------|----------|-----|------|-----|
| 49054_at   | adenylate kinase 3 alpha like                                      |          | N32441   | 5.1 | 3.1  | 0.4 |
| 58617_at   |  |          | AA149312 | 5.1 | 3.4  | 0.3 |
| 74823_f.at | histidyl-tRNA synthetase   | HARS     | AW022495 | 5.1 | 4.3  | 1.8 |
| 64847_at   |  |          | AA394155 | 5.1 | 4.4  | 3.4 |
| 54410_at   |  |          | N70443   | 5.1 | 2.7  | 0   |
| 80825_at   |  |          | A1590115 | 5.1 | 0.6  | 0   |
| 40279_at   | KIAA0121 gene product  |          | D50911   | 5.1 | 3.4  | 3.7 |
| 1630_s.at  | spleen tyrosine kinase   | SYK      | Z29630   | 5.1 | 3.9  | 4.9 |
| 33833_at   | spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)                 | SPTAN1   | J05243   | 5.1 | 3.8  | 5.7 |
| 32594_at   | chaperonin containing TCP1, subunit 4 (delta)                      | CCT4     | AF026291 | 5.1 | 2.5  | 1.7 |
| 48110_at   | hypothetical protein FLJ11271                                      |          | N91279   | 5.1 | 3.3  | 4.6 |
| 51179_at   | brefeldin A-inhibited guanine nucleotide-exchange protein 2        |          | A1741843 | 5.1 | 2.9  | 7.9 |
| 68339_at   | transforming growth factor, beta-induced, 68kD                     | TGFB1    | A1624028 | 5.1 | 2.2  | 5.1 |
| 65171_at   | clone FLB4739  |          | N36909   | 5.1 | 4.5  | 5.2 |
| 61853_at   |  |          | AA773816 | 5.1 | 5.1  | 5.1 |
| 49569_at   | hypothetical protein FLJ20281                                      |          | A1690893 | 5.1 | 4.2  | 4.5 |
| 65603_at   | baculoviral IAP repeat-containing 6                                | BIRC6    | AA886981 | 5.1 | 2.9  | 5.4 |
| 45293_at   | hypothetical protein from EUROIMAGE 363668                         |          | AA631902 | 5.1 | 4.4  | 4   |
| 56418_at   | uncharacterized hematopoietic stem/progenitor cells protein MDS027 |          | N25128   | 5.1 | 3.7  | 5.8 |
| 45224_at   |  |          | AA025862 | 5.1 | 3.2  | 3.5 |
| 57714_at   |  |          | AA429113 | 5.1 | 3.6  | 5.1 |
| 36908_at   | mannose receptor, C type 1   | MRC1     | M93221   | 5.1 | 4.2  | 4.6 |
| 55695_at   | glycine cleavage system protein H (aminomethyl carrier)            | GCSH     | A1890917 | 5.1 | 4.5  | 4.2 |
| 38134_at   | pleiomorphic adenoma gene 1  | PLAG1    | U65002   | 5   | 0.7  | 1.4 |
| 31898_at   | KIAA0212 gene product  | kiaa0212 | D86967   | 5   | 3.7  | 2.3 |
| 32142_at   | serine/threonine kinase 3 (Ste20, yeast homolog)                   | STK3     | U26424   | 5   | 4.1  | 3.6 |
| 1948_f.at  | nitric oxide synthase 2A (inducible, hepatocytes)                  | NOS2A    | U31511   | 5   | 0.4  | 2.7 |
| 32233_at   | torsin family 1, member B (torsin B)                               | TOR1B    | AF007872 | 5   | 6.9  | 13  |
| 32662_at   | KIAA0170 gene product  |          | AL041663 | 5   | 0.1  | 1   |
| 34373_at   | upstream regulatory element binding protein 1                      |          | Z97054   | 5   | 1.1  | 0   |
| 1289_at    | glutathione S-transferase M5                                       | GSTM5    | L02321   | 5   | 1.1  | 4.8 |
| 1072_g.at  | GATA-binding protein 2   | GATA2    | M77810   | 5   | 1.5  | 6.3 |
| 38064_at   | major vault protein  | MVP      | X79882   | 5   | 11.8 | 0.9 |
| 39170_at   |  |          | AL049957 | 5   | 1.4  | 0   |

Figure 11XXX

|            |  |  |         |          |  |   |      |      |
|------------|--|--|---------|----------|--|---|------|------|
| 82798_g_at | chromosome 6 open reading frame 32                 |  | C6ORF32 | AW016644 |  | 5 | 0    | 2.5  |
| 48488_at   | hypothetical protein                               |  |         | AI889499 |  | 5 | 0    | 0    |
| 89829_at   | hypothetical protein FLJ10521                      |  |         | AI913628 |  | 5 | 0.6  | 0.6  |
| 66361_at   |  |  |         | AA009699 |  | 5 | 4.3  | 0.8  |
| 73713_at   | RAB, member of RAS oncogene family-like 2A         |  | RABL2A  | AI051621 |  | 5 | 0.4  | 2.5  |
| 53828_at   |  |  |         | AI929168 |  | 5 | 1.1  | 3.6  |
| 62472_at   |  |  |         | H49102   |  | 5 | 1.5  | 2.3  |
| 83036_at   |  |  |         | AI271559 |  | 5 | 0.5  | 3    |
| 82768_g_at |  |  |         | AA913354 |  | 5 | 0.8  | 2.5  |
| 83224_r_at |  |  |         | AI053582 |  | 5 | 1.6  | 0.5  |
| 66108_s_at |  |  |         | AI915696 |  | 5 | 2.9  | 1.6  |
| 79105_at   |  |  |         | AA830599 |  | 5 | 5.6  | 2.2  |
| 69388_at   |  |  |         | AI299040 |  | 5 | 0    | 2.6  |
| 49516_at   |  |  |         | AA531016 |  | 5 | 6.6  | 3.5  |
| 61354_at   |  |  |         | AA218990 |  | 5 | 1.3  | 1.5  |
| 70495_at   |  |  |         | AI453095 |  | 5 | 4.2  | 2.8  |
| 57608_at   |  |  |         | AA523335 |  | 5 | 1.7  | 0    |
| 46169_at   |  |  |         | AI745624 |  | 5 | 4.5  | 12.3 |
| 46514_at   |  |  |         | R38647   |  | 5 | 2.9  | 0    |
| 53321_r_at |  |  |         | AL043875 |  | 5 | 3.5  | 5.1  |
| 51991_at   |  |  |         | AI884621 |  | 5 | 1    | 0.5  |
| 45204_s_at |  |  |         | AI378647 |  | 5 | 10.2 | 5.2  |
| 45787_at   | cyclin L ania.6a                                   |  |         | N29695   |  | 5 | 2.3  | 5.4  |
| 53657_r_at | non-kinase Cdc42 effector protein SPEC2            |  |         | AI825880 |  | 5 | 2.2  | 2.4  |
| 58339_at   | hypothetical protein FLJ13222                      |  |         | R52747   |  | 5 | 2.7  | 3    |
| 73128_at   | dihydropyrimidinase-like 3                         |  | DPYSL3  | AI983251 |  | 5 | 7.2  | 0    |
| 46277_at   |  |  |         | AI031551 |  | 5 | 10.2 | 1.6  |
| 58688_at   | RAB23, member RAS oncogene family                  |  | RAB23   | AI742498 |  | 5 | 1.4  | 1.6  |
| 55495_at   |  |  |         | AA187437 |  | 5 | 0    | 0.5  |
| 46724_at   | tensin   |  | TNS     | AL046979 |  | 5 | 3.9  | 0    |
| 52252_l_at |  |  |         | 2963428  |  | 5 | 1.7  | 1    |
| 54167_at   |  |  |         | 3162292  |  | 5 | 1.8  | 1.5  |
| 39801_at   | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 |  | PLOD3   | AF046889 |  | 5 | 2.1  | 5.9  |
| 40382_at   | corticotropin releasing hormone                    |  | CRH     | V00571   |  | 5 | 4.7  | 3.8  |
| 48059_at   |  |  |         | R61448   |  | 5 | 4.4  | 3.5  |

Figure 11YY

|            |   |        |          |     |      |      |
|------------|---|--------|----------|-----|------|------|
| 39340_at   | hexosaminidase A (alpha polypeptide)                                      | HEXA   | M16424   | 5   | 1.5  | 5.1  |
| 65737_r_at |   |        | A1701293 | 5   | 2.7  | 5.7  |
| 58780_s_at | hypothetical protein FLJ10357   |        | R42449   | 5   | 2.6  | 4.6  |
| 45255_at   | CGI-69 protein  |        | A1354351 | 5   | 3.5  | 5.2  |
| 45808_at   | anaphase-promoting complex subunit 7                                      |        | AA131793 | 5   | 2.4  | 5.2  |
| 34427_g_at | major histocompatibility complex, class I-like sequence                   | HLAS   | U22963   | 4.9 | 3.7  | 0.9  |
| 38892_at   | KIAA0240 protein  |        | D87077   | 4.9 | 2.5  | 1.2  |
| 33437_at   | homolog of yeast SPB1   |        | AJ005892 | 4.9 | 1.3  | 0.7  |
| 36270_at   | CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)                        | CD86   | U04343   | 4.9 | 13.2 | 3.9  |
| 35720_at   | KIAA0893 protein  |        | AB020700 | 4.9 | 2.2  | 10.8 |
| 31590_g_at | gamma-aminobutyric acid (GABA) B receptor, 1                              | GABBR1 | AL031983 | 4.9 | 0.9  | 10.3 |
| 41592_at   | JAK binding protein   |        | AB000734 | 4.9 | 6    | 7.7  |
| 35293_at   | Sjogren syndrome antigen A2 (60kD, ribonucleoprotein autoantigen SS A/Ro) | SSA2   | J04137   | 4.9 | 2.3  | 1.4  |
| 35363_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD)                    | DDX17  | AL080113 | 4.9 | 2.7  | 0    |
| 36550_at   | ras association (RalGDS/AF-6) domain containing protein JC265             |        | AL049538 | 4.9 | 2.9  | 3    |
| 40347_at   |   |        | AA913812 | 4.9 | 3.5  | 0.7  |
| 40668_s_at | CD6 antigen   | CD6    | U34624   | 4.9 | 2.5  | 12.2 |
| 40712_at   | a disintegrin and metalloproteinase domain 8                              | ADAM8  | D26579   | 4.9 | 7.2  | 1.2  |
| 75743_at   |   |        | A4668789 | 4.9 | 3.4  | 1.6  |
| 78468_at   |   |        | F26341   | 4.9 | 1    | 2.7  |
| 90341_at   |   |        | H04388   | 4.9 | 4.3  | 0.2  |
| 91905_s_at |   |        | A1609998 | 4.9 | 0.7  | 1.3  |
| 47215_r_at |   |        | AA129058 | 4.9 | 2.9  | 8.4  |
| 49237_at   | RNA binding motif protein, X chromosome                                   | RBMX   | A1971694 | 4.9 | 2.5  | 12.8 |
| 63242_i_at |   |        | AB089894 | 4.9 | 2    | 4.7  |
| 54658_at   | hypothetical protein FLJ10955   |        | A1961496 | 4.9 | 3.3  | 1.5  |
| 44731_at   |   |        | AB07804  | 4.9 | 3.6  | 2.2  |
| 84588_at   |   |        | A1691077 | 4.9 | 2.9  | 4.3  |
| 56965_at   | HSPC056 protein   |        | N51105   | 4.9 | 6.4  | 1    |
| 74935_at   | hypothetical protein FLJ11274   |        | W04760   | 4.9 | 0.3  | 2.6  |
| 43690_at   |   |        | AA019641 | 4.9 | 0.2  | 0.4  |
| 75820_r_at |   |        | A1679201 | 4.9 | 1.6  | 2.5  |
| 65936_at   |   |        | AA034414 | 4.9 | 3.3  | 4.7  |
| 69763_r_at |   |        | A1865825 | 4.9 | 0.9  | 3.8  |

Figure 11ZZZ



|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 44170_at   |   |         | H53031   | 4.9 | 0.8 | 2.8 |
| 72092_f.at |   |         | AA677864 | 4.9 | 3.4 | 7.5 |
| 87416_r.at |   |         | T91504   | 4.9 | 0.6 | 6.6 |
| 64071_at   | papillomavirus regulatory factor PRF.1  |         | N25612   | 4.9 | 2.5 | 1   |
| 49164_s.at | TSPY-like   | TSPYL   | A1972301 | 4.9 | 1.5 | 1.3 |
| 51941_at   |   |         | AA442900 | 4.9 | 2.5 | 1.5 |
| 81083_at   |   |         | A1248920 | 4.9 | 1.3 | 0.2 |
| 45612_at   |   |         | A1744560 | 4.9 | 3.7 | 5.9 |
| 46668_at   |   |         | AA479835 | 4.9 | 0.8 | 0.9 |
| 55986_at   |   |         | AW003215 | 4.9 | 1.8 | 2.6 |
| 65944_at   | hypothetical protein FLJ20312   |         | AA524056 | 4.9 | 1.2 | 2.8 |
| 55053_at   | hypothetical protein FLJ11307   |         | A1820049 | 4.9 | 2   | 1.6 |
| 55558_at   |   |         | AA524361 | 4.9 | 4.8 | 3.6 |
| 59515_at   | RAB-8b protein  |         | A1458521 | 4.9 | 3.5 | 2   |
| 83319_f.at |   |         | A1075909 | 4.9 | 1.1 | 3.4 |
| 84963_r.at |   |         | R42423   | 4.9 | 2.9 | 8.1 |
| 39131_at   | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 | SMARCA5 | N36842   | 4.9 | 3.2 | 4.2 |
| 34406_at   | KIAA0602 protein  |         | AB011174 | 4.9 | 2.7 | 4.6 |
| 34864_at   | hypothetical protein  |         | AF070638 | 4.9 | 0.6 | 5.6 |
| 31722_at   | ribosomal protein L3  | RPL3    | AL022326 | 4.9 | 3.9 | 9   |
| 36628_at   | ralA binding protein 1  | RALBP1  | L42542   | 4.9 | 2   | 4.3 |
| 56546_at   | KIAA1545 protein  |         | H17730   | 4.9 | 5.9 | 5.8 |
| 53884_at   |   |         | AA312905 | 4.9 | 3.9 | 4.7 |
| 43306_at   |   |         | AA126841 | 4.9 | 2.3 | 5.6 |
| 43038_r.at | KIAA1363 protein  |         | A1769531 | 4.9 | 0.6 | 5.1 |
| 43053_g.at |   |         | AW025012 | 4.9 | 3.2 | 4.6 |
| 49488_at   | DKFZP434F1735 protein   |         | AW005775 | 4.9 | 3.5 | 5   |
| 65501_s.at |   |         | A1810687 | 4.9 | 2.7 | 5.3 |
| 51239_at   | hypothetical protein FLJ23239   |         | W67828   | 4.9 | 3.8 | 4.4 |
| 49633_at   | hypothetical protein HES6   |         | N21131   | 4.9 | 4.9 | 4.8 |
| 54878_at   |   |         | AL048421 | 4.9 | 3.8 | 4.8 |
| 31895_at   | BTB and CNC homology 1, basic leucine zipper transcription factor 1                               | BACH1   | AB002803 | 4.8 | 1.3 | 2   |
| 1711_at    | tumor protein p53-binding protein, 1  | TP53BP1 | U09477   | 4.8 | 3.1 | 4.1 |

Figure 11AAAA

|            |   |         |          |     |      |      |
|------------|---|---------|----------|-----|------|------|
| 32940_at   | Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1 | AMMECR1 | AJ007014 | 4.8 | 1.1  | 8    |
| 39302_at   | desmocollin 2   |         |          |     |      |      |
| 33894_at   | neuroepithelial cell transforming gene 1  | DSC2    | X56807   | 4.8 | 0.5  | 2.2  |
| 35145_at   | MAX binding protein   | NET1    | AJ010046 | 4.8 | 1.7  | 0.5  |
| 39604_at   | pleckstrin homology, Sec7 and coiled/coil domains, binding protein                                    | MNT     | X96401   | 4.8 | 5    | 0    |
|            |   | PSCDBP  | AF068836 | 4.8 | 2.4  | 2.2  |
| 36971_at   | KIAA0257 protein  |         | D87446   | 4.8 |      |      |
| 35675_at   | vinexin beta (SH3-containing adaptor molecule.1)  |         | AF037261 | 4.8 | 5.4  | 2    |
| 35303_at   | insulin induced gene 1  | INSIG1  | U96876   | 4.8 | 2.6  | 8.7  |
| 35838_at   | clones 23667 and 23775 zinc finger protein  |         | U90919   | 4.8 | 2.4  | 0    |
| 32530_at   | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide             | YWHAQ   | X56468   | 4.8 | 2.9  | 2.4  |
| 37358_at   | ubiquitin-conjugating enzyme E2E1 (homologous to yeast UBC4/5)  | UBE2E1  | AI039880 | 4.8 | 1.7  | 7.4  |
| 231_at     | transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)                       | TGM2    | M55153   | 4.8 | 2.5  | 4.6  |
| 39182_at   | epithelial membrane protein 3   | EMP3    | U87947   | 4.8 | 3.8  | 0    |
| 75627_at   |   |         | AA703201 | 4.8 | 4    | 5    |
| 52929_at   |   |         | AL044396 | 4.8 | 1.5  | 1    |
| 50829_at   |   |         | AA706818 | 4.8 | 10.8 | 4.6  |
| 64448_at   | DKFZP727G051 protein  |         | AA203321 | 4.8 | 0.8  | 10.5 |
| 89166_at   |   |         | AI953998 | 4.8 | 4.6  | 1.6  |
| 67240_at   |   |         | AI377910 | 4.8 | 0.6  | 0.7  |
| 51628_at   |   |         | AA009692 | 4.8 | 0.6  | 0.4  |
| 85526_at   |   |         | R64696   | 4.8 | 2.8  | 0    |
| 85530_at   |   |         | AI732798 | 4.8 | 3.2  | 0    |
| 63817_at   | DKFZP434B203 protein  |         | AA099904 | 4.8 | 0.5  | 1.4  |
| 58926_r_at | hypothetical protein  |         | AI979070 | 4.8 | 2.6  | 6.3  |
| 73656_r_at |   |         | AI719644 | 4.8 | 1.1  | 3.3  |
| 64152_at   |   |         | AA703523 | 4.8 | 1.2  | 6.1  |
| 59698_at   |   |         | H11817   | 4.8 | 0    | 0.4  |
| 76989_at   |   |         | AI333655 | 4.8 | 0.1  | 9.2  |
| 48035_r_at |   |         | T95654   | 4.8 | 0    | 0.3  |
| 69001_at   |   |         | AA831691 | 4.8 | 2.1  | 2.6  |
|            |   |         |          | 4.8 | 2.4  | 2.1  |

Figure 11BBBB

|            |  |         |          |          |     |     |     |
|------------|--|---------|----------|----------|-----|-----|-----|
| 50134_at   |  |         |          | R66534   | 4.8 | 1.5 | 5.8 |
| 73439_at   | hypothetical protein MGC3156   |         |          | AA349855 | 4.8 | 2   | 2.8 |
| 63373_at   |  |         |          | AA194033 | 4.8 | 4.8 | 2.2 |
| 73574_at   |  |         |          | AI290214 | 4.8 | 3.7 | 8.1 |
| 64577_at   |  |         |          | H60064   | 4.8 | 2.1 | 2.9 |
| 44066_s_at | G protein-coupled receptor kinase-interactor 1   | GIT1    | AI887641 | 4.8      | 2.8 | 2.8 | 5.5 |
| 53546_at   |  |         | AI168683 | 4.8      | 3.7 | 6.7 | 6.7 |
| 62165_at   | x 006 protein  |         | W72231   | 4.8      | 3.2 | 5.9 | 5.9 |
| 45580_s_at |  |         | AI983200 | 4.8      | 3.6 | 1.8 | 1.8 |
| 53680_at   |  |         | AI130786 | 4.8      | 0   | 1.3 | 1.3 |
| 51813_at   |  |         | AI797095 | 4.8      | 7.1 | 1.8 | 1.8 |
| 46237_at   |  |         | AW001342 | 4.8      | 2.5 | 6.7 | 6.7 |
| 58682_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1   | DDXBP1  | AI348378 | 4.8      | 6.2 | 0   | 0   |
| 52347_at   | CGI-60 protein   |         | AI985204 | 4.8      | 0.3 | 1.4 | 1.4 |
| 54989_at   |  |         | H43374   | 4.8      | 4.9 | 1.2 | 1.2 |
| 51697_r_at |  |         | AA649308 | 4.8      | 3   | 4   | 4   |
| 55601_at   |  |         | AI742770 | 4.8      | 2.9 | 0   | 0   |
| 47608_at   |  |         | AI697401 | 4.8      | 1.1 | 1.2 | 1.2 |
| 47330_at   |  |         | W81697   | 4.8      | 1.5 | 9.3 | 9.3 |
| 70054_l_at |  |         | T99829   | 4.8      | 1.7 | 3.5 | 3.5 |
| 73569_r_at |  |         | AI708856 | 4.8      | 0.9 | 2.7 | 2.7 |
| 75232_at   |  |         | N31820   | 4.8      | 1.1 | 1.3 | 1.3 |
| 80059_at   |  |         | H79244   | 4.8      | 1.1 | 3.4 | 3.4 |
| 84212_l_at |  |         | AI203819 | 4.8      | 0   | 2.6 | 2.6 |
| 38716_at   | calcium/calmodulin-dependent protein kinase kinase 2, beta   | CAMKK2  | AB018330 | 4.8      | 0   | 2.4 | 2.4 |
| 41603_at   | transducin (beta)-like 3   | TBL3    | U02609   | 4.8      | 3.8 | 5   | 5   |
| 39866_at   | ubiquitin specific protease 22   | USP22   | AB028986 | 4.8      | 2.6 | 5.9 | 5.9 |
| 40113_at   | GS3955 protein   |         | D87119   | 4.8      | 3.1 | 4.1 | 4.1 |
| 40824_at   | RAN binding protein 16   | RANBP16 | AB018288 | 4.8      | 2.5 | 5.3 | 5.3 |
| 38943_at   | holocytochrome c synthase (cytochrome c heme-lyase)  | HCCS    | U36787   | 4.8      | 2.9 | 4.4 | 4.4 |
| 38733_at   | X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining; Ku autoantigen, 80kD) | XRCC5   | M30938   | 4.8      | 1   | 4.3 | 4.3 |
| 33198_at   | binder of Arl Two  |         | AA206524 | 4.8      | 2.3 | 6.8 | 6.8 |
| 56520_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 5  | NUDT5   | AI188576 | 4.8      | 3.3 | 4.3 | 4.3 |
| 45307_at   |  |         | AI921204 | 4.8      | 1.6 | 5.9 | 5.9 |

Figure 11CCCC

|            |   |          |          |     |     |      |
|------------|---|----------|----------|-----|-----|------|
| 50244_at   | nucleotide binding protein 2 (E.coli MinD like)                           | NUP2     | AA552351 | 4.8 | 5.6 | 6.4  |
| 45878_at   |   |          | W21966   | 4.8 | 3.9 | 4.6  |
| 39971_at   | lymphoblastic leukemia derived sequence 1                                 | LYL1     | M22637   | 4.8 | 3.5 | 4.8  |
| 38612_at   | tetraspan 3   |          | M69023   | 4.7 | 3.5 | 0.9  |
| 38630_at   |   |          | AL080192 | 4.7 | 4.6 | 1.8  |
| 39486_s_at | KIAA1237 protein  |          | W28968   | 4.7 | 1.1 | 0.6  |
| 1713_s_at  | cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)       | CDKN2A   | U26727   | 4.7 | 0   | 5.6  |
| 39410_at   | development and differentiation enhancing factor 2                        | DDEF2    | AB007860 | 4.7 | 0.2 | 6.1  |
| 40202_at   | basic transcription element binding protein 1                             | BTEB1    | D31716   | 4.7 | 1.5 | 3.5  |
| 40064_at   | amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3 | ALS2CR3  | AB011121 | 4.7 | 0.8 | 1.5  |
| 40470_at   | oxoglutarate dehydrogenase (lipoamide)                                    | OGDH     | D10523   | 4.7 | 3.6 | 0.3  |
| 32820_at   | CCR4-NOT transcription complex, subunit 4                                 | CNOT4    | U71267   | 4.7 | 4   | 10.4 |
| 39310_at   | bradykinin receptor B2  | BDKRB2   | X86163   | 4.7 | 0.2 | 4.6  |
| 610_at     | adrenergic, beta-2-, receptor, surface                                    | ADRB2    | M15169   | 4.7 | 0.9 | 2    |
| 33492_at   |   |          | A1624840 | 4.7 | 1.8 | 7.1  |
| 35285_at   | solute carrier family 4, sodium bicarbonate cotransporter, member 4       | SLC4A4   | AF007216 | 4.7 | 0.1 | 1.8  |
| 40310_at   | toll-like receptor 2  | TLR2     | AF051152 | 4.7 | 3.5 | 0    |
| 35190_at   | KIAA0469 gene product   | KIAA0469 | AL031447 | 4.7 | 1.3 | 2    |
| 37977_at   | KIAA1528 protein  |          | A1138834 | 4.7 | 2.4 | 0.4  |
| 39141_at   | ATP-binding cassette, subfamily F (GCN20), member 1                       | ABCF1    | AF027302 | 4.7 | 4.1 | 0    |
| 467_at     | osteoclast stimulating factor 1   | OSTF1    | U63717   | 4.7 | 2.5 | 0    |
| 42270_at   |   |          | W24320   | 4.7 | 1.5 | 6.1  |
| 56991_at   |   |          | A1927199 | 4.7 | 1.2 | 6.5  |
| 57016_at   | hypothetical protein FLJ11264   |          | A1692513 | 4.7 | 6.4 | 10   |
| 52287_at   | long-chain fatty acid coenzyme A ligase 5                                 |          | AA514342 | 4.7 | 0.8 | 0    |
| 76152_s_at |   |          | A1634548 | 4.7 | 0   | 0.7  |
| 81262_at   |   |          | A1280818 | 4.7 | 0.6 | 0.2  |
| 89955_at   |   |          | AW020975 | 4.7 | 1   | 0    |
| 66849_at   |   |          | A1160370 | 4.7 | 1.4 | 1.8  |
| 58452_at   | sperm associated antigen 9  | SPAG9    | AL079765 | 4.7 | 2.4 | 11.1 |
| 75150_at   |   |          | A1631846 | 4.7 | 3.8 | 1.1  |
| 83391_at   |   |          | A1638800 | 4.7 | 1.1 | 2.8  |

Figure 11DDDD



|            |  |         |          |     |     |      |
|------------|--|---------|----------|-----|-----|------|
| 44833_s.at | heat shock 70kD protein 8  | HSPA8   | AI986374 | 4.7 | 0.9 | 6.7  |
| 42831_at   |  |         | AI201843 | 4.7 | 4.2 | 4.7  |
| 45492_at   |  |         | AW002385 | 4.7 | 5   | 4.7  |
| 44823_s.at |  |         | AA521476 | 4.7 | 4.4 | 4.8  |
| 43929_at   |  |         | AA225263 | 4.7 | 4.6 | 4.4  |
| 55940_at   |  |         | AI701480 | 4.7 | 2.3 | 3.4  |
| 47875_at   |  |         | W15284   | 4.7 | 1.9 | 3.6  |
| 48769_at   | hypothetical protein MGC4368   |         | AL121013 | 4.7 | 3   | 6.1  |
| 824_at     | glutathione-S transferase like; glutathione transferase omega                        |         | U90313   | 4.6 | 6.5 | 0    |
| 41695_at   | KIAA0414 protein   |         | AB007874 | 4.6 | 2.2 | 4.6  |
| 39906_r.at | ADP-ribosylation factor GTPase activating protein 1                                  | ARFGAP1 | AA402332 | 4.6 | 1   | 2.7  |
| 31345_at   | airway trypsin-like protease   |         | AB002134 | 4.6 | 2.7 | 15.7 |
| 31916_at   | killer cell lectin-like receptor subfamily A, member 1                               | KLRA1   | AF047445 | 4.6 | 1.3 | 5.6  |
| 40427_at   | COX17 (yeast) homolog, cytochrome c oxidase assembly protein                         | COX17   | AA149486 | 4.6 | 2   | 0.9  |
| 32738_at   | NADH dehydrogenase (ubiquinone) Fe-S protein 2 (49kD) (NADH-coenzyme Q reductase)    | NDUFS2  | AF050640 | 4.6 | 1.3 | 0    |
| 38904_at   | v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog                      | SRC     | AF077754 | 4.6 | 1.9 | 12.7 |
| 33760_at   | peroxisomal biogenesis factor 14   | PEX14   | AB017546 | 4.6 | 3.4 | 0.2  |
| 35166_at   | Down syndrome critical region gene 3   | DSCR3   | D87343   | 4.6 | 7.1 | 5.7  |
| 40612_at   | KIAA1117 protein   |         | AB029040 | 4.6 | 6.6 | 3.6  |
| 427_f.at   | interferon, alpha 10   | IFNA10  | V00551   | 4.6 | 0.5 | 25.4 |
| 35613_at   |  |         | AL042599 | 4.6 | 2.9 | 27.9 |
| 37493_at   |  |         | H04668   | 4.6 | 4.7 | 3.3  |
| 1860_at    | tumor protein p53-binding protein, 2   | TP53BP2 | U58334   | 4.6 | 6.6 | 0.5  |
| 36889_at   | Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide                 | FCER1G  | M33195   | 4.6 | 1.2 | 1.8  |
| 36953_at   | MAD (mothers against decapentaplegic, Drosophila) homolog 4                          | MADH4   | U44378   | 4.6 | 3.1 | 3.4  |
| 37711_at   | MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C) | MEF2C   | S57212   | 4.6 | 0.7 | 8.7  |
| 56131_at   |  |         | AI146837 | 4.6 | 1.8 | 2.4  |
| 64966_at   |  |         | AI668641 | 4.6 | 5.2 | 6.1  |
| 65518_at   | RNA polymerase I transcription factor RRN3   |         | N22730   | 4.6 | 3.9 | 1.6  |
| 75179_at   | ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5)                      | UBE2D3  | R81146   | 4.6 | 4.3 | 2.1  |
| 90289_at   |  |         | AI827330 | 4.6 | 4   | 0    |

Figure 11FFFF

|            |  |  |  |          |          |     |      |      |
|------------|--|--|--|----------|----------|-----|------|------|
| 73715_at   |  |  |  |          | AI126206 | 4.6 | 1.9  | 12.3 |
| 66690_at   |  |  |  |          | H92909   | 4.6 | 0.5  | 0.1  |
| 61224_at   |  |  |  |          | T71614   | 4.6 | 0    | 1.5  |
| 44060_at   | selenoprotein W, 1                                     |  |  | SEPWI    | AA625451 | 4.6 | 1.9  | 17.2 |
| 79626_at   |  |  |  |          | AA962105 | 4.6 | 2.3  | 0    |
| 46457_at   | splicing factor (CC1.3)                                |  |  |          | AI400626 | 4.6 | 3    | 1.3  |
| 62818_at   |  |  |  |          | AI202885 | 4.6 | 2    | 2.2  |
| 83402_at   |  |  |  |          | AA700080 | 4.6 | 3.4  | 3    |
| 84383_at   |  |  |  |          | AI949708 | 4.6 | 2.2  | 6.2  |
| 65480_at   |  |  |  |          | AA166751 | 4.6 | 4.5  | 1.7  |
| 47471_at   |  |  |  |          | AA916868 | 4.6 | 0.4  | 0.9  |
| 44749_at   |  |  |  |          | T66226   | 4.6 | 2.6  | 1.1  |
| 87408_at   |  |  |  |          | AI221305 | 4.6 | 0.3  | 3.5  |
| 43151_at   |  |  |  |          | T87150   | 4.6 | 0.3  | 3.7  |
| 69446_at   |  |  |  |          | AA862900 | 4.6 | 4.5  | 2.7  |
| 77935_at   |  |  |  |          | AI939620 | 4.6 | 2.5  | 3.9  |
| 87284_at   |  |  |  |          | AA044789 | 4.6 | 3.8  | 0.6  |
| 42947_at   |  |  |  |          | AA042952 | 4.6 | 1.3  | 4.3  |
| 51074_g_at |  |  |  |          | N49836   | 4.6 | 4.1  | 0.4  |
| 45336_at   | peflin   |  |  |          | AL046918 | 4.6 | 2    | 0    |
| 72133_at   |  |  |  |          | W90634   | 4.6 | 2.1  | 0.3  |
| 75525_at   | KIAA0336 gene product                                  |  |  |          | R34331   | 4.6 | 6.7  | 2.1  |
| 82032_at   |  |  |  |          | AI823999 | 4.6 | 5.2  | 3.5  |
| 44643_at   |  |  |  |          | AI633734 | 4.6 | 0    | 0    |
| 42630_r_at | hypothetical protein FLJ13220                          |  |  |          | H88129   | 4.6 | 2.8  | 2.9  |
| 81769_at   | heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1 |  |  | HS3ST3A1 | N71828   | 4.6 | 3.3  | 2.2  |
| 46112_r_at |  |  |  |          | AI700523 | 4.6 | 2    | 0    |
| 55264_at   | hypothetical protein SBBI67                            |  |  |          | W79937   | 4.6 | 0.5  | 0    |
| 62477_at   | squamous cell carcinoma antigen recognized by T cell   |  |  |          | W81246   | 4.6 | 1.3  | 0    |
| 47359_at   |  |  |  |          | AA887112 | 4.6 | 0    | 0.9  |
| 46211_at   | hypothetical protein dJ1141E15.2                       |  |  |          | AI900033 | 4.6 | 2.6  | 1.6  |
| 80778_at   |  |  |  |          | AA179496 | 4.6 | 0    | 0.1  |
| 55362_at   |  |  |  |          | AI653767 | 4.6 | 18.2 | 19.8 |
| 43295_at   |  |  |  |          | AA033783 | 4.6 | 3.3  | 0    |
| 45914_at   |  |  |  |          | H46965   | 4.6 | 0.5  | 2.5  |

Figure 11GGGG

|            |  |          |          |     |     |      |
|------------|--|----------|----------|-----|-----|------|
| 36444_s_at | small inducible cytokine A5 (RANTES)   | SCYA5    | AF088219 | 4.6 | 3.7 | 4.5  |
| 41749_at   | ES1 (zebrafish) protein, human homolog of  | C21ORF33 | U53003   | 4.6 | 3   | 4.1  |
| 41727_at   | KIAA1007 protein   |          | AB023224 | 4.6 | 2.9 | 5.2  |
| 41562_at   | murine leukemia viral (bmi-1) oncogene homolog   | BMI1     | L13689   | 4.6 | 3.5 | 4.3  |
| 32562_at   | endoglin (Osler-Rendu-Weber syndrome 1)  | ENG      | X72012   | 4.6 | 4.7 | 6    |
| 38041_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 1 (GalNAc-T1)  | GALNT1   | U41514   | 4.6 | 3.3 | 3.5  |
| 38789_at   | transketolase (Wernicke-Korsakoff syndrome)  | TKT      | L12711   | 4.6 | 3.3 | 4.9  |
| 48810_at   | hypothetical protein DKFZp761H221  |          | A1547243 | 4.6 | 3.7 | 6.5  |
| 43824_at   |  |          | A1952129 | 4.6 | 2.5 | 5.3  |
| 44632_at   |  |          | AA007697 | 4.6 | 2.4 | 4.7  |
| 45758_at   |  |          | AA034095 | 4.6 | 3   | 5.9  |
| 65620_at   | hypothetical protein FLJ14005  |          | W52855   | 4.6 | 4.4 | 4.7  |
| 50036_at   |  |          | A1189011 | 4.6 | 3.9 | 4.4  |
| 53935_at   |  |          | W74486   | 4.6 | 2.4 | 4    |
| 55571_at   |  |          | W58459   | 4.6 | 1.5 | 3.1  |
| 37119_at   | vesicle-associated membrane protein 4  | VAMP4    | AL035296 | 4.5 | 2   | 0.9  |
| 34530_at   |  |          | W73822   | 4.5 | 7.6 | 1.2  |
| 33019_at   | Parkinson disease (autosomal recessive, juvenile) 2, parkin                                      | PARK2    | AB009973 | 4.5 | 2.3 | 10.5 |
| 33283_at   | arrestin, beta 2   | ARRB2    | AF106941 | 4.5 | 0.8 | 0    |
| 31524_f_at | H2B histone family, member K   | H2BFK    | Z80782   | 4.5 | 1.4 | 7.4  |
| 33665_s_at | colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)               | CSF2RA   | M73832   | 4.5 | 2.3 | 0.4  |
| 34312_at   | nuclear receptor coactivator 2   | NCOA2    | AI040324 | 4.5 | 3   | 7.6  |
| 33773_at   | myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 10 |          | U13948   | 4.5 | 0   | 2.6  |
| 33504_at   | neurexophilin 2  | NXPH2    | AF043467 | 4.5 | 1.4 | 0.8  |
| 37828_at   | hypothetical protein FLJ11220  |          | AL050064 | 4.5 | 1.2 | 4.4  |
| 36703_at   | small inducible cytokine subfamily A (Cys-Cys), member 25  | SCYA25   | U86358   | 4.5 | 1   | 2.9  |
| 36452_at   | synaptopodin   |          | AB028952 | 4.5 | 1.6 | 3.6  |
| 35826_at   | suppressor of Ty (S.cerevisiae) 5 homolog  | SUPT5H   | AF040253 | 4.5 | 3.1 | 3.6  |
| 36897_at   | KIAA0027 protein   |          | D25217   | 4.5 | 1   | 1.3  |
| 37941_at   | myosin-binding protein C, fast-type  | MYBPC2   | X73113   | 4.5 | 1.3 | 6.7  |
| 38355_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome                                       | DBY      | AF000984 | 4.5 | 2.3 | 0.7  |
| 56367_at   |  |          | A1630997 | 4.5 | 1.8 | 1.1  |

Figure 11HHHH



|            |   |  |  |       |          |     |     |      |
|------------|---|--|--|-------|----------|-----|-----|------|
| 65139_at   | hypothetical protein FLJ12150                         |  |  |       | Al925240 | 4.5 | 8.6 | 0.8  |
| 76305_at   |   |  |  |       | AA764974 | 4.5 | 1.4 | 0.5  |
| 76356_at   |   |  |  |       | AA203497 | 4.5 | 1.6 | 1.6  |
| 59043_at   |   |  |  |       | Al243147 | 4.5 | 0   | 0.4  |
| 82499_at   |   |  |  |       | Al925051 | 4.5 | 1.1 | 0    |
| 56803_at   | wingless-type MMTV integration site family, member 5A |  |  | WNT5A | Al968085 | 4.5 | 1.3 | 0    |
| 67164_at   |   |  |  |       | Al367020 | 4.5 | 2.1 | 0.1  |
| 65478_at   |   |  |  |       | Al744031 | 4.5 | 3.9 | 1.2  |
| 43273_at   |   |  |  |       | Al655806 | 4.5 | 0.8 | 1.4  |
| 68245_at   |   |  |  |       | H48278   | 4.5 | 2.5 | 1.7  |
| 79480_l_at |   |  |  |       | N49201   | 4.5 | 1.7 | 1.7  |
| 56269_at   | hypothetical protein FLJ12701                         |  |  |       | Al338045 | 4.5 | 2.5 | 1.4  |
| 49469_at   |   |  |  |       | Al871490 | 4.5 | 1.4 | 1.4  |
| 73771_at   |   |  |  |       | Al632232 | 4.5 | 2.5 | 3.7  |
| 57270_f_at | glutaminase   |  |  | GLS   | Al968420 | 4.5 | 4.8 | 0.3  |
| 86475_f_at |   |  |  |       | Al337926 | 4.5 | 3.1 | 3.1  |
| 63849_at   | karyopherin beta 2b, transportin                      |  |  |       | Al885873 | 4.5 | 0   | 0.6  |
| 86015_at   |   |  |  |       | Al652445 | 4.5 | 0.6 | 0.4  |
| 87673_at   |   |  |  |       | Al982610 | 4.5 | 0.6 | 0.2  |
| 85125_g_at |   |  |  |       | Al032906 | 4.5 | 0.6 | 1    |
| 53978_at   |   |  |  |       | Al074707 | 4.5 | 5   | 3.6  |
| 45918_at   |   |  |  |       | AW024692 | 4.5 | 1.2 | 11.3 |
| 43356_s_at | D-type cyclin-interacting protein 1                   |  |  |       | N53560   | 4.5 | 1.6 | 3.9  |
| 62261_s_at | LIM domains containing 1                              |  |  | LIMD1 | Al970622 | 4.5 | 1.4 | 0    |
| 45661_at   |   |  |  |       | Al933287 | 4.5 | 3.7 | 1.7  |
| 60188_at   |   |  |  |       | N90348   | 4.5 | 5.5 | 6.7  |
| 65892_at   | fatty acid binding protein 1, liver                   |  |  |       | AA629050 | 4.5 | 8.1 | 3.1  |
| 53997_at   | seven transmembrane domain orphan receptor            |  |  | FABP1 | AA001405 | 4.5 | 2.7 | 0    |
| 54521_g_at |   |  |  |       | AA622413 | 4.5 | 1.7 | 0.7  |
| 46234_at   | CGI-148 protein                                       |  |  |       | Al084224 | 4.5 | 4.3 | 1.4  |
| 54067_at   |   |  |  |       | AA043242 | 4.5 | 4   | 4.9  |
| 48633_at   | KIAA1254 protein                                      |  |  |       | Al982669 | 4.5 | 0.3 | 0    |
| 62971_at   | hypothetical protein FLJ12428                         |  |  |       | Al770067 | 4.5 | 3.3 | 0.7  |
| 61005_at   |   |  |  |       | Al799804 | 4.5 | 2.9 | 2.3  |
|            |   |  |  |       | AA009648 | 4.5 | 3   | 4.1  |

Figure 11III

|            |  |         |          |     |     |      |
|------------|--|---------|----------|-----|-----|------|
| 57423_at   |  |         | AA433928 | 4.5 | 0.5 | 0.8  |
| 87232_at   |  |         | AA487296 | 4.5 | 1.2 | 5.3  |
| 33308_at   | glucuronidase, beta  | GUSB    | M15182   | 4.5 | 0.8 | 4.8  |
| 32317_s_at | sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2  | SULT1A2 | U34804   | 4.5 | 3.1 | 4.1  |
| 39135_at   | KIAA0767 protein   |         | AB018310 | 4.5 | 3.7 | 4.3  |
| 47714_at   |  |         | AA018412 | 4.5 | 2.4 | 2.7  |
| 33689_s_at | D-dopachrome tautomerase   | DDT     | AF012434 | 4.5 | 1.8 | 4.7  |
| 55301_at   |  |         | A1634118 | 4.5 | 2.6 | 4.3  |
| 57497_at   |  |         | AA419263 | 4.5 | 3.9 | 4.1  |
| 58468_at   |  |         | C17704   | 4.5 | 4.5 | 4.3  |
| 58647_at   | glutathione S-transferase M1   | GSTM1   | AA203289 | 4.5 | 3   | 3.2  |
| 46594_at   | hypothetical protein FLJ20186  |         | AW014780 | 4.5 | 4.3 | 4.6  |
| 44079_at   | general transcription factor IIIA  | GTF3A   | AA166851 | 4.5 | 3.9 | 4.9  |
| 43485_s_at | hypothetical protein FLJ21343  |         | A1633875 | 4.5 | 2.9 | 3    |
| 47104_at   |  |         | A1760368 | 4.5 | 3.4 | 4    |
| 47561_at   |  |         | AA877614 | 4.5 | 3.5 | 5.7  |
| 39385_at   | alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150) | ANPEP   | M22324   | 4.4 | 3.5 | 0.1  |
| 36347_f_at | H2B histone family, member D   | H2BFD   | AA873858 | 4.4 | 1.4 | 6.4  |
| 40407_at   | karyopherin alpha 2 (RAG cohort 1, importin alpha 1)   | KPNA2   | U28386   | 4.4 | 2   | 2    |
| 31342_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 2 (GalNAc-T2)              | GALNT2  | X85019   | 4.4 | 1.3 | 3.9  |
| 32635_at   | transcriptional intermediary factor 1 gamma  |         | AB029036 | 4.4 | 3.7 | 6.1  |
| 32693_at   | KIAA1040 protein   |         | AB028963 | 4.4 | 0.7 | 13.5 |
| 33219_at   | KIAA1097 protein   |         | AB029020 | 4.4 | 3.7 | 1.7  |
| 41770_at   | monoamine oxidase A  | MAOA    | AA420624 | 4.4 | 0   | 0    |
| 34655_at   | membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)   | MPP2    | A1951832 | 4.4 | 0.2 | 10.4 |
| 38982_at   | TRF2-interacting telomeric RAP1 protein  |         | W28865   | 4.4 | 1.6 | 4.3  |
| 35213_at   | WW domain binding protein 4 (formin binding protein 21)  | WBP4    | AF071185 | 4.4 | 1.9 | 2.6  |
| 41584_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 3  | NUDT3   | AF062529 | 4.4 | 0.9 | 6.4  |
| 35007_at   |  |         | AC004940 | 4.4 | 0.5 | 0.8  |
| 37403_at   | annexin A1   | ANXA1   | X05908   | 4.4 | 2.6 | 4.1  |
| 37088_at   | serine/threonine kinase 13 (aurora/IPL1-like)  | STK13   | AF059681 | 4.4 | 2.6 | 3.9  |
| 56940_g_at |  |         | A1963304 | 4.4 | 3.6 | 4.3  |

Figure 11JJJJ

|            |   |  |        |          |     |      |      |
|------------|---|--|--------|----------|-----|------|------|
| 48118_at   | CGI-97 protein  |  |        | AA044743 | 4.4 | 1.5  | 1.8  |
| 56456_at   | hypothetical protein dJ1181N3.1   |  |        | A1632926 | 4.4 | 2.2  | 0.6  |
| 81567_at   |   |  |        | A190905  | 4.4 | 1.7  | 0.9  |
| 47459_at   |   |  |        | A1290653 | 4.4 | 2.3  | 4.1  |
| 76717_at   |   |  |        | A1375865 | 4.4 | 0.5  | 3.3  |
| 66616_at   |   |  |        | AA285069 | 4.4 | 2.7  | 6    |
| 64991_at   |   |  |        | A1762686 | 4.4 | 0    | 0    |
| 64346_r_at | nuclear factor (erythroid-derived 2)-like 2                                 |  | NFE2L2 | AW023229 | 4.4 | 2.7  | 2.9  |
| 82372_at   |   |  |        | AA907150 | 4.4 | 0.9  | 0.9  |
| 84765_at   |   |  |        | A1446030 | 4.4 | 7.1  | 1.9  |
| 49312_at   | CGI-102 protein   |  |        | AA747303 | 4.4 | 3.2  | 7.4  |
| 63398_at   | similar to Bos taurus P14 protein   |  |        | AA130220 | 4.4 | 6.9  | 2.1  |
| 67890_at   |   |  |        | A1613399 | 4.4 | 3.2  | 1.3  |
| 87942_at   |   |  |        | AA936705 | 4.4 | 2.7  | 1.6  |
| 45280_at   | hypothetical protein DKFZp566G1424  |  |        | AA703316 | 4.4 | 1.5  | 1.1  |
| 47565_at   | myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog) |  | MLL    | W55861   | 4.4 | 1.4  | 2.9  |
| 70379_at   |   |  |        | A1744361 | 4.4 | 1.2  | 0.7  |
| 44328_at   | hypothetical protein MGC5487  |  |        | AA905113 | 4.4 | 2    | 6.1  |
| 62495_f_at |   |  |        | A1433785 | 4.4 | 17.4 | 28.1 |
| 43367_at   | hypothetical protein FLJ20730   |  |        | A1979164 | 4.4 | 1.5  | 0.4  |
| 43489_at   | hairy/enhancer-of-split related with YRPW motif-like                        |  | HEY1   | AL040197 | 4.4 | 3.2  | 5.1  |
| 43931_at   | hypothetical protein FLJ11269   |  |        | A1741524 | 4.4 | 1.9  | 6.3  |
| 56384_l_at |   |  |        | R17914   | 4.4 | 1.3  | 0.5  |
| 48696_at   |   |  |        | H48142   | 4.4 | 0    | 0    |
| 56264_at   |   |  |        | AA703335 | 4.4 | 1    | 2.9  |
| 89969_at   | ribosomal protein S15a  |  | RPS15A | AW003898 | 4.4 | 2.9  | 0    |
| 83888_r_at |   |  |        | A1031837 | 4.4 | 0    | 0.8  |
| 72475_r_at |   |  |        | AA063087 | 4.4 | 0.2  | 1.2  |
| 72928_at   |   |  |        | A1638648 | 4.4 | 1.9  | 3    |
| 45876_at   |   |  |        | AA536137 | 4.4 | 0.6  | 2.1  |
| 60537_at   |   |  |        | AL038866 | 4.4 | 1.3  | 0.3  |
| 60124_at   |   |  |        | H61529   | 4.4 | 3.1  | 3.6  |
| 74302_at   |   |  |        | AA028209 | 4.4 | 1    | 2.6  |
| 41928_at   |   |  |        | AA029647 | 4.4 | 3.2  | 1.6  |

Figure 11KKKK

| 78796_i_at | Integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide) | ITGAE  | A1735664 | 4.4 | 2   | 2.9  |
|------------|--|--------|----------|-----|-----|------|
| 42048_at   |  |        | AA897644 | 4.4 | 2.5 | 37.2 |
| 48992_at   |  |        | AA435933 | 4.4 | 4.2 | 6.4  |
| 77840_f_at |  |        | A1720888 | 4.4 | 8.1 | 16.6 |
| 41865_at   |  |        | AF052185 | 4.4 | 3.3 | 4.3  |
| 33601_at   |  |        | AF052145 | 4.4 | 2.2 | 3.1  |
| 41213_at   | peroxiredoxin 1  | PRDX1  | X67951   | 4.4 | 2   | 5.1  |
| 34764_at   | leucyl-tRNA synthetase, mitochondrial  |        | D21851   | 4.4 | 1.4 | 3.8  |
| 33916_at   | imidazoline receptor candidate   |        | AB023192 | 4.4 | 3.8 | 3.6  |
| 41498_at   | KIAA0911 protein   |        | AB020718 | 4.4 | 2.4 | 3.6  |
| 34368_at   | histone deacetylase 2  | HDAC2  | U31814   | 4.4 | 2   | 4.7  |
| 38479_at   | acidic protein rich in leucines  |        | Y07969   | 4.4 | 2.9 | 5.1  |
| 37967_at   | lymphocyte antigen 117   | LY117  | AF000424 | 4.4 | 1.8 | 4.4  |
| 65144_at   |  |        | AA625373 | 4.4 | 4.7 | 4.9  |
| 43406_s_at | ZAP3 protein   |        | AA890650 | 4.4 | 3.1 | 4.5  |
| 44297_at   |  |        | AA613167 | 4.4 | 4   | 4.3  |
| 48094_at   |  |        | AA531025 | 4.4 | 3.8 | 4.1  |
| 44085_at   |  |        | AL040188 | 4.4 | 4   | 4.6  |
| 52479_r_at |  |        | AI888055 | 4.4 | 0.8 | 4.9  |
| 54092_at   |  |        | AA524968 | 4.4 | 3.9 | 4.4  |
| 57261_f_at | ribosomal protein, large, P0   | RPLP0  | AA588862 | 4.4 | 4.1 | 7.9  |
| 31985_at   |  |        | AL049228 | 4.3 | 2.7 | 7.2  |
| 41694_at   | BN51 (BHK21) temperature sensitivity complementing                                       | BN51T  | M17754   | 4.3 | 1.6 | 5.8  |
| 41703_r_at | A kinase (PKA) anchor protein 7  | AKAP7  | AF047715 | 4.3 | 0.7 | 5.2  |
| 39412_at   | zinc finger protein 173  | ZNF173 | U09825   | 4.3 | 5   | 16.9 |
| 34544_at   | zinc finger protein 267  | ZNF267 | X78925   | 4.3 | 2.9 | 3.9  |
| 1448_at    | proteasome (prosome, macropain) subunit, alpha type, 3                                   | PSMA3  | D00762   | 4.3 | 4   | 5.6  |
| 35449_at   | killer cell lectin-like receptor subfamily B, member 1                                   | KLRB1  | U11276   | 4.3 | 0.8 | 4.5  |
| 38899_s_at | hypothetical protein FLJ20693  |        | U95822   | 4.3 | 5.7 | 3.1  |
| 32819_at   | H2B histone family, member S   | H2BFS  | AJ223352 | 4.3 | 1.2 | 3.5  |
| 32846_s_at | kinectin 1 (kinesin receptor)  | KTNI   | D13629   | 4.3 | 1.1 | 0    |
| 32904_at   | perforin 1 (pore forming protein)  | PRF1   | M28393   | 4.3 | 1.2 | 0.8  |
| 33900_at   | folistatin-like 3 (secreted glycoprotein)  | FSTL3  | U76702   | 4.3 | 0   | 5.7  |
| 34006_s_at | mitogen-activated protein kinase 8   | MAPK8  | L26318   | 4.3 | 0.7 | 0.6  |

Figure 1111111

|            |   |        |          |     |     |     |
|------------|---|--------|----------|-----|-----|-----|
| 35253_at   | GRB2-associated binding protein 2   | GAB2   | AB011143 | 4.3 | 1.2 | 0   |
| 463_g_at   | nuclear factor I/B  | NFIB   | U70862   | 4.3 | 0.8 | 2.9 |
| 39975_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2                                   |        | AC002400 | 4.3 | 0.9 | 0.4 |
| 40332_at   | 7-60 protein  |        |          |     |     |     |
| 36899_at   | special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)                           | SATB1  | AF109134 | 4.3 | 4.2 | 5.3 |
| 37188_at   | phosphoenolpyruvate carboxykinase 2 (mitochondrial)   | PCK2   | X92720   | 4.3 | 5.2 | 0   |
| 36989_at   | dystroglycan 1 (dystrophin-associated glycoprotein 1)   | DAG1   | L19711   | 4.3 | 1.7 | 1.9 |
| 38796_at   | complement component 1, q subcomponent, beta polypeptide  | C1QB   | X03084   | 4.3 | 3.9 | 0   |
| 56837_at   | globotriaosylceramide/CD77 synthase; Gb3/CD77 synthase; alpha1,4-galactosyltransferase; 4-N-acetylglucosaminyltransferase |        | AA769110 | 4.3 | 1.4 | 0.4 |
| 56927_at   |   |        |          |     |     |     |
| 91181_at   | uncharacterized hematopoietic stem/progenitor cells protein MDS031  |        | W49628   | 4.3 | 4.5 | 7.8 |
| 57414_at   |   |        | AW044698 | 4.3 | 0   | 0   |
| 58260_at   |   |        | AA878480 | 4.3 | 1.3 | 3   |
| 87639_at   |   |        | AA806364 | 4.3 | 2   | 4.5 |
| 89954_at   | eukaryotic translation initiation factor 2C, 1  | EIF2C1 | A1971316 | 4.3 | 3.1 | 0.4 |
| 49278_g_at | cysteinyl-tRNA synthetase   | CARS   | AA908890 | 4.3 | 2.7 | 1.8 |
| 85068_at   |   |        | AA534436 | 4.3 | 0.9 | 1.9 |
| 80554_s_at |   |        | A1032972 | 4.3 | 0   | 0   |
| 85293_at   |   |        | AW004040 | 4.3 | 0.9 | 0   |
| 90699_at   |   |        | A1468014 | 4.3 | 0   | 0   |
| 43708_at   |   |        | AA434032 | 4.3 | 2.5 | 0.4 |
| 68195_at   |   |        | R10307   | 4.3 | 0   | 4.1 |
| 68496_at   |   |        | A1627334 | 4.3 | 0.9 | 2.5 |
| 86306_r_at |   |        | A1653006 | 4.3 | 1.3 | 3.3 |
| 70302_at   |   |        | A1656897 | 4.3 | 1.5 | 2.2 |
| 56319_at   | cofactor required for Sp1 transcriptional activation, subunit 6 (77kD)  | CRSP6  | A1222295 | 4.3 | 1.6 | 0.3 |
| 49539_at   |   |        | C05931   | 4.3 | 2.7 | 4.8 |
| 44077_at   | tryptophanyl tRNA synthetase 2 (mitochondrial)  | WARS2  | R40635   | 4.3 | 1.7 | 0   |
| 65484_f_at | hypothetical protein FLJ10415   |        | AA524061 | 4.3 | 1.5 | 0   |
|            | glutaminase   | GLS    | A1768354 | 4.3 | 3.3 | 0.4 |

Figure 11MMMM

|            |  |         |  |          |     |     |      |
|------------|--|---------|--|----------|-----|-----|------|
| 56299_at   |  |         |  | AI004324 | 4.3 | 1.5 | 0    |
| 43246_at   |  |         |  | N66550   | 4.3 | 0   | 1.3  |
| 61207_at   |  |         |  | N54899   | 4.3 | 3.4 | 9.7  |
| 79246_at   |  |         |  | AW008270 | 4.3 | 1.2 | 0    |
| 63800_at   |  |         |  | AA195158 | 4.3 | 2.9 | 3.3  |
| 55443_at   |  |         |  | AA631027 | 4.3 | 1.7 | 4.2  |
| 65846_at   |  |         |  | AI268230 | 4.3 | 1.8 | 0    |
| 55431_at   | KIAA0986 protein                                   |         |  | AI218624 | 4.3 | 0.4 | 1.3  |
| 64466_at   | RNA binding motif protein 7                        | RBM7    |  | AI990688 | 4.3 | 2.5 | 3.7  |
| 55361_at   |  |         |  | AI821565 | 4.3 | 6.5 | 8.3  |
| 84659_at   |  |         |  | AI658664 | 4.3 | 0.8 | 4.4  |
| 912_s_at   | phospholipase A2, group IB (pancreas)              | PLA2G1B |  | M21056   | 4.3 | 0.2 | 2.3  |
| 38935_at   |  |         |  | X72790   | 4.3 | 2.3 | 14.1 |
| 87358_l_at |  |         |  | AA226717 | 4.3 | 2.9 | 0.7  |
| 89544_r_at |  |         |  | T71320   | 4.3 | 1.7 | 1.3  |
| 32116_at   | expressed in activated T/LAK lymphocytes           |         |  | AB002405 | 4.3 | 1.1 | 5.3  |
| 40848_g_at | KIAA0750 gene product                              |         |  | AB018293 | 4.3 | 4.2 | 4    |
| 35199_at   | KIAA0982 protein                                   |         |  | AB023199 | 4.3 | 2.7 | 4.4  |
| 33920_at   | diaphanous (Drosophila, homolog) 1                 | DIAPH1  |  | AF051782 | 4.3 | 3.2 | 3.8  |
| 36185_at   | alanyl-tRNA synthetase                             | AARS    |  | D32050   | 4.3 | 1.3 | 3.7  |
| 38424_at   | KIAA0747 protein                                   |         |  | AB018290 | 4.3 | 2.9 | 4    |
| 210_at     | phospholipase C, beta 2                            | PLCB2   |  | M95678   | 4.3 | 3.7 | 3.6  |
| 64269_at   |  |         |  | AW023766 | 4.3 | 6   | 8.5  |
| 59411_at   |  |         |  | AA130954 | 4.3 | 1.4 | 2.5  |
| 51983_at   |  |         |  | C00851   | 4.3 | 4.3 | 3.8  |
| 53906_at   | differentially expressed in FDCP (mouse homolog) 6 | DEF6    |  | AA523303 | 4.3 | 4.3 | 4.3  |
| 59761_r_at |  |         |  | AA648933 | 4.3 | 4.2 | 3.9  |
| 44127_at   |  |         |  | AA604375 | 4.3 | 2.8 | 6.6  |
| 46236_at   | gap junction protein, beta 2, 26kD (connexin 26)   | GJB2    |  | AA442698 | 4.3 | 0.7 | 5.3  |
| 46572_at   |  |         |  | AI924230 | 4.3 | 2.3 | 4.2  |
| 65930_at   | 30S ribosomal protein S7 homolog                   |         |  | N78337   | 4.3 | 2.5 | 4.4  |
| 54158_at   |  |         |  | AI453531 | 4.3 | 2.8 | 4.6  |
| 45115_at   |  |         |  | AA909042 | 4.3 | 4.2 | 4.5  |
| 54969_at   |  |         |  | AI829724 | 4.3 | 3.5 | 4    |
| 42700_i_at |  |         |  | T86284   | 4.2 | 0.9 | 0.5  |

Figure 11NNNN

|            |  |          |          |     |     |      |
|------------|--|----------|----------|-----|-----|------|
| 35078_at   | intercellular adhesion molecule 4, Landsteiner-Wiener blood group  | ICAM4    | X93093   | 4.2 | 0.9 | 2.8  |
| 1532_g_at  |  |          |          |     |     |      |
| 39386_at   | gene predicted from cDNA with a complete coding sequence   |          | U50535   | 4.2 | 2.2 | 1.9  |
| 31889_at   | melan-A  |          | D14811   | 4.2 | 1.7 | 5.5  |
| 32053_at   | cyclin T2  | MLANA    | U06452   | 4.2 | 0.3 | 12.6 |
| 1638_at    | ets variant gene 6 (TEL oncogene)  | CCNT2    | AF048731 | 4.2 | 0.9 | 9.6  |
| 2050_s_at  | ras-related G3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)                  | ETV6     | U11732   | 4.2 | 6   | 1.6  |
| 40874_at   | endothelial differentiation-related factor 1   | RAC1     | M29870   | 4.2 | 1.9 | 1.2  |
| 35480_at   | D-aspartate oxidase  | EDF1     | AJ005259 | 4.2 | 1.8 | 2.7  |
| 38571_at   | FGFR1 oncogene partner   | DDO      | D89858   | 4.2 | 0.5 | 5.8  |
| 41189_at   | tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein) | TNFRSF12 | Y18046   | 4.2 | 5.4 | 0    |
| 338_at     | activating transcription factor 6  |          | Y09392   | 4.2 | 2.3 | 0.5  |
| 40555_at   | phosphatidylinositol glycan, class F   | ATF6     | AF005887 | 4.2 | 1.4 | 0.1  |
| 40813_at   | solute carrier family 5 (inositol transporters), member 3  | PIGF     | AL043108 | 4.2 | 5.4 | 0.2  |
| 35245_at   | coagulation factor V (proaccelerin, labile factor)   | SLC5A3   | A1768188 | 4.2 | 1.6 | 0    |
| 39684_at   | membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)   | F5       | M16967   | 4.2 | 0   | 0.4  |
| 36486_at   | KIA0805 protein  | MPP3     | U37707   | 4.2 | 0.5 | 8.6  |
| 36171_at   | activated RNA polymerase II transcription cofactor 4   |          | AB018348 | 4.2 | 1.4 | 1.9  |
| 38005_at   | nucleotide-sugar transporter similar to C. elegans sqv-7   |          | A1521453 | 4.2 | 5.8 | 2.7  |
| 58842_at   | hypothetical protein FLJ10702  |          | AJ005866 | 4.2 | 0.5 | 0.5  |
| 54971_at   | Fc fragment of IgG, receptor, transporter, alpha   |          | A1084071 | 4.2 | 3.1 | 0.3  |
| 53747_at   |  | FCGRT    | AW024627 | 4.2 | 2   | 1.4  |
| 89887_s_at | acyl-Coenzyme A oxidase 3, pristanoyl  |          | AA422178 | 4.2 | 2.8 | 3.2  |
| 78425_at   | syntaxin 18  | ACOX3    | A192213  | 4.2 | 4.5 | 0    |
| 61067_r_at |  |          | A1290467 | 4.2 | 3.4 | 0    |
| 42739_at   |  |          | AA470798 | 4.2 | 3.7 | 6.4  |
| 42816_at   |  |          | T90760   | 4.2 | 2.3 | 1.1  |
| 44735_at   | carboxypeptidase M   |          | Z38762   | 4.2 | 1.2 | 4.7  |
| 75764_at   |  | CPM      | A1681334 | 4.2 | 2.5 | 1.8  |
| 62602_at   |  |          | AA808948 | 4.2 | 5   | 0.4  |
| 62147_at   | hypothetical protein FLJ11155  |          | AA418402 | 4.2 | 3.5 | 0    |
|            |  |          | A1265860 | 4.2 | 0.5 | 4.5  |

Figure 110000





|            |   |  |         |          |     |      |     |
|------------|---|--|---------|----------|-----|------|-----|
| 79773_at   |   |  |         | AI685649 | 4.2 | 1.4  | 0.7 |
| 87057_l_at |   |  |         | R07361   | 4.2 | 1.3  | 1.5 |
| 32237_at   | KIAA0265 protein  |  |         | D87454   | 4.2 | 2.8  | 4.8 |
| 1675_at    | RAS p21 protein activator (GTPase activating protein) 1   |  | RASA1   | M23379   | 4.2 | 2.1  | 3.8 |
| 38483_at   | hypothetical protein  |  |         | AJ011916 | 4.2 | 1.5  | 6.5 |
| 39561_at   | dynein, axonemal, light polypeptide 4   |  | DNAL4   | AL008583 | 4.2 | 1    | 6.8 |
| 56968_at   | MADS box transcription enhancer factor 2, polypeptide D (myocyte enhancer factor 2D)                                    |  | MEF2D   | AL118605 | 4.2 | 2.7  | 3.7 |
| 53848_at   |   |  |         | AI422099 | 4.2 | 3.7  | 5.4 |
| 57066_at   | hypothetical protein  |  |         | AI023043 | 4.2 | 2.1  | 6   |
| 51713_at   |   |  |         | AI660536 | 4.2 | 3.8  | 4.2 |
| 48829_s_at | chromosome 20 open reading frame 3  |  | C20ORF3 | H09341   | 4.2 | 2.7  | 5.8 |
| 45285_at   | proteasome (prosome, macropain) subunit, alpha type, 7  |  | PSMA7   | AA877820 | 4.2 | 3.4  | 5.1 |
| 81574_at   | caspase recruitment domain protein 9  |  |         | AI307612 | 4.2 | 3.6  | 4.2 |
| 50293_at   |   |  |         | AI823782 | 4.2 | 4.5  | 4.9 |
| 49071_at   |   |  |         | AI541411 | 4.2 | 1.4  | 4.2 |
| 51188_at   |   |  |         | AA454038 | 4.2 | 3.6  | 4.2 |
| 61366_at   | hypothetical protein MGC3731  |  |         | AA700395 | 4.2 | 2    | 2.4 |
| 52908_at   | hypothetical protein FLJ21324   |  |         | AA865619 | 4.2 | 3.9  | 4.1 |
| 62552_at   |   |  |         | AA287801 | 4.2 | 3    | 3.3 |
| 49210_s_at | hypothetical protein FLJ13576   |  |         | AW023011 | 4.2 | 3.2  | 4.3 |
| 39551_at   | KIAA1696 protein  |  |         | N98667   | 4.1 | 2.6  | 2.2 |
| 31909_at   | KIAA0754 protein  |  |         | AB018297 | 4.1 | 2.3  | 2.3 |
| 2066_at    | BCL2-associated X protein   |  | BAX     | L22474   | 4.1 | 4.6  | 9.8 |
| 32643_at   | glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV) |  | GBE1    | L07956   | 4.1 | 4.8  | 0.4 |
| 40779_at   | smg GDS-ASSOCIATED PROTEIN  |  |         | U59919   | 4.1 | 2.4  | 1   |
| 41147_at   | ring finger protein 1   |  |         | AF038186 | 4.1 | 15.4 | 3.6 |
| 35944_at   | interleukin 5 (colony-stimulating factor, eosinophil)   |  | RING1   | AL031228 | 4.1 | 2.5  | 0.2 |
| 436_at     | transcription factor 8 (represses interleukin 2 expression)   |  | IL5     | X04688   | 4.1 | 1.1  | 3   |
| 33439_at   | early endosome antigen 1, 162kD   |  | TCF8    | D15050   | 4.1 | 2    | 8.6 |
| 39627_at   | eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD)   |  | EEA1    | L40157   | 4.1 | 0    | 0.6 |
| 40615_at   | murine leukemia viral (bmi-1) oncogene homolog  |  | EIF3S1  | AA780049 | 4.1 | 5.9  | 0.6 |
| 1728_at    | Bruton agammaglobulinemia tyrosine kinase   |  | BM11    | L13689   | 4.1 | 0.4  | 4.4 |
| 36833_at   |   |  | BTk     | U78027   | 4.1 | 7.2  | 1.1 |

Figure 11QQQQ



|            |   |  |  |          |     |     |     |
|------------|---|--|--|----------|-----|-----|-----|
| 69628_i_at |   |  |  | AA548333 | 4.1 | 1.6 | 0.3 |
| 48655_r_at |   |  |  | AA992185 | 4.1 | 2.4 | 5.5 |
| 80391_at   | kinesin-like 2  |  |  | KNL2     | 4.1 | 3.8 | 6.4 |
| 52656_s_at | ATP-binding cassette, sub-family A (ABC1), member 1                   |  |  | ABCA1    | 4.1 | 0.7 | 0.7 |
| 70972_i_at |   |  |  | H79034   | 4.1 | 1.9 | 1.8 |
| 72504_at   |   |  |  | AA702785 | 4.1 | 4   | 1.9 |
| 74148_at   | hypothetical protein FLJ11783   |  |  | AI978929 | 4.1 | 2.4 | 2.7 |
| 66139_at   |   |  |  | AW051206 | 4.1 | 1.1 | 2.6 |
| 50359_at   |   |  |  | AI887904 | 4.1 | 0   | 1.7 |
| 45730_at   | hypothetical protein FLJ10290   |  |  | AI086362 | 4.1 | 1.4 | 1.5 |
| 57599_at   |   |  |  | AA767955 | 4.1 | 2.5 | 4.8 |
| 48616_at   |   |  |  | T97723   | 4.1 | 2.7 | 3.3 |
| 86588_r_at |   |  |  | AA759052 | 4.1 | 1.4 | 2.8 |
| 53225_at   |   |  |  | Z41563   | 4.1 | 2.1 | 3   |
| 77654_r_at |   |  |  | T77065   | 4.1 | 0.2 | 2.6 |
| 53332_r_at |   |  |  | AI261813 | 4.1 | 2.9 | 2.8 |
| 44652_at   | hypothetical protein FLJ22313   |  |  | AL048867 | 4.1 | 5.9 | 0   |
| 74233_i_at |   |  |  | AA758402 | 4.1 | 1.6 | 0.7 |
| 65650_at   | hook2 protein   |  |  | AW001108 | 4.1 | 2.1 | 0   |
| 62582_at   |   |  |  | AI821408 | 4.1 | 2   | 6.9 |
| 46400_at   |   |  |  | H98967   | 4.1 | 1.3 | 1.4 |
| 45993_at   |   |  |  | N51961   | 4.1 | 2.4 | 4   |
| 46122_at   | NY-REN-58 antigen   |  |  | W52480   | 4.1 | 0.7 | 0   |
| 57660_r_at |   |  |  | R43504   | 4.1 | 3.4 | 5.6 |
| 51883_at   | hypothetical protein  |  |  | AI972120 | 4.1 | 5.3 | 0   |
| 62940_f_at | retinoic acid receptor responder (tazarotene induced) 1               |  |  | RARRES1  | 4.1 | 1.8 | 0.6 |
| 73211_at   | solute carrier family 16 (monocarboxylic acid transporters), member 3 |  |  | SLC16A3  | 4.1 | 1.4 | 0.3 |
| 46736_at   | ring finger protein 3   |  |  | RNF3     | 4.1 | 1   | 0.2 |
| 48317_at   |   |  |  | AI703372 | 4.1 | 1.1 | 2.7 |
| 44884_at   |   |  |  | AA039908 | 4.1 | 7.3 | 6.8 |
| 66983_at   |   |  |  | AI023807 | 4.1 | 3.2 | 2.3 |
| 63885_at   |   |  |  | AL038379 | 4.1 | 1.7 | 1.8 |
| 50790_at   |   |  |  | 2840225  | 4.1 | 2.8 | 1.7 |
| 89110_at   |   |  |  | AA554257 | 4.1 | 2.2 | 0   |

Figure 11SSSS

|            |  |        |  |          |     |     |     |
|------------|--|--------|--|----------|-----|-----|-----|
| 70878_at   |  |        |  | AI189108 | 4.1 | 3.7 | 1.8 |
| 77905_r_at |  |        |  | AI287423 | 4.1 | 0.5 | 0   |
| 41103_at   | bromodomain and PHD finger containing, 1   | BRPF1  |  | M91585   | 4.1 | 3.1 | 3.7 |
| 288_s_at   | lamin B receptor   | LBR    |  | L29931   | 4.1 | 1.5 | 2.5 |
| 31896_at   | neuroblastoma-amplified protein  |        |  | AL050281 | 4.1 | 1.5 | 2.7 |
| 36443_at   | dynein, axonemal, heavy polypeptide 9  | DNAH9  |  | X99947   | 4.1 | 4.1 | 3.7 |
| 32253_at   | arginine-glutamic acid dipeptide (RE) repeats  | RERE   |  | AB007927 | 4.1 | 1.9 | 3.4 |
| 38956_at   | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase   |        |  | AF052111 | 4.1 | 3.1 | 3.9 |
| 41342_at   | RAN binding protein 1  | RANBP1 |  | D38076   | 4.1 | 3.8 | 4.7 |
| 38671_at   | KIAA0620 protein   |        |  | AB014520 | 4.1 | 4.3 | 5.3 |
| 41535_at   | deleted in oral cancer (mouse, homolog) 1  |        |  | AF006484 | 4.1 | 1.5 | 4.8 |
| 35331_at   | catenin (cadherin-associated protein), alpha-like 1  | CTNNA1 |  | U97067   | 4.1 | 3.3 | 4.1 |
| 37010_at   | general transcription factor IIA, 2 (12kD subunit)   | GTF2A2 |  | AI203737 | 4.1 | 3.7 | 4.3 |
| 37029_at   | ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein) | ATP5O  |  | X83218   | 4.1 | 2.2 | 4.6 |
| 48833_at   | HSPC040 protein  |        |  | AI749098 | 4.1 | 3.2 | 4.1 |
| 50282_at   | hypothetical protein FLJ10975  |        |  | AA522810 | 4.1 | 2.4 | 4.2 |
| 66623_r_at |  |        |  | AA971467 | 4.1 | 3.9 | 2.6 |
| 44078_at   |  |        |  | W95017   | 4.1 | 5.1 | 5.5 |
| 58200_at   |  |        |  | AI818585 | 4.1 | 3   | 3   |
| 57045_f_at | ribosomal protein L23  | RPL23  |  | AW015905 | 4.1 | 2.5 | 4.3 |
| 51223_at   | phosphoinositide-3-kinase, catalytic, beta polypeptide   | PIK3CB |  | AI916796 | 4.1 | 1.8 | 3.7 |
| 64036_at   | hypothetical protein FLJ10716  |        |  | AI968206 | 4.1 | 2.2 | 3.5 |
| 45284_at   | butyrate-induced transcript 1  |        |  | AF169958 | 4.1 | 2.9 | 3.8 |
| 48106_at   | hypothetical protein FLJ20489  |        |  | H14241   | 4.1 | 3.6 | 3.9 |
| 45335_at   | CGI-28 protein   |        |  | AI037884 | 4.1 | 2.7 | 4.4 |
| 46242_at   |  |        |  | AA215796 | 4.1 | 2.8 | 4.1 |
| 87839_at   |  |        |  | AA860301 | 4.1 | 4.1 | 3.6 |
| 52841_at   |  |        |  | AA731740 | 4.1 | 4   | 4   |
| 46247_at   | succinate-CoA ligase, GDP-forming, alpha subunit   | SUCLG1 |  | AA826261 | 4.1 | 3.3 | 5.5 |
| 54948_at   |  |        |  | AI684747 | 4.1 | 3.5 | 3.9 |
| 52856_at   | potential nuclear protein C5ORF5; GAP-like protein   |        |  | AA430306 | 4.1 | 0.8 | 4.6 |
| 48731_at   |  |        |  | AI948491 | 4.1 | 1.6 | 4.4 |
| 33004_g_at | NCK adaptor protein 2  | NCK2   |  | AI275502 | 4   | 0.5 | 0.3 |

Figure 11TTTT

|            |  |  |          |          |   |     |     |
|------------|--|--|----------|----------|---|-----|-----|
| 41447_at   | KIAA0990 protein   |  | KIAA0990 | AB023207 | 4 | 0.8 | 0.7 |
| 37484_at   | integrin, alpha 1  |  | ITGA1    | X68742   | 4 | 2.3 | 3.4 |
| 1786_at    | c-met proto-oncogene tyrosine kinase   |  | MERTK    | U08023   | 4 | 1.4 | 2.6 |
| 40719_at   | adenosine A2b receptor pseudogene  |  | ADORA2BP | AL022398 | 4 | 2.9 | 2.3 |
| 39419_at   | sperm associated antigen 9   |  | SPAG9    | AB011088 | 4 | 1.6 | 5.1 |
| 34933_at   | paired box gene 9  |  | PAX9     | AJ238381 | 4 | 0   | 2.1 |
| 41860_at   |  |  |          | AF070559 | 4 | 2.5 | 1.3 |
| 648_at     | arginine vasopressin receptor 1B   |  | AVPR1B   | L37112   | 4 | 2.7 | 0.9 |
| 38201_at   | branched chain aminotransferase 1, cytosolic   |  | BCAT1    | U21551   | 4 | 1.2 | 1.2 |
| 38512_r_at | ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C)               |  | ELAVL3   | D26158   | 4 | 1.5 | 5.1 |
| 40616_at   | eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD)                      |  | EIF3S1   | U97670   | 4 | 0.7 | 6.3 |
| 33267_at   |  |  |          | AF035315 | 4 | 1.5 | 3.9 |
| 32747_at   | aldehyde dehydrogenase 2, mitochondrial  |  | ALDH2    | X05409   | 4 | 4.5 | 0.1 |
| 37383_f_at | major histocompatibility complex, class I, B   |  | HLA-B    | X58536   | 4 | 2.7 | 4.3 |
| 32324_at   | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide |  | YWHAB    | X57346   | 4 | 1.7 | 0.9 |
| 35965_at   | heat shock 70kD protein 6 (HSP70B)   |  | HSPA6    | X51757   | 4 | 0   | 4.6 |
| 34782_at   | jumonji (mouse) homolog  |  | JMJ      | AL021938 | 4 | 4.3 | 1.4 |
| 37350_at   | proteasome (prosome, macropain) 26S subunit, non-ATPase, 10                              |  | PSMD10   | AL031177 | 4 | 2.7 | 1.8 |
| 34823_at   | dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2)                  |  | DPP4     | X60708   | 4 | 0.4 | 0.6 |
| 1274_s_at  | cell division cycle 34   |  | CDC34    | L22005   | 4 | 3.4 | 1.4 |
| 37328_at   | pleckstrin   |  | PLEK     | X07743   | 4 | 2.8 | 1.9 |
| 37373_at   | UDP-glucose pyrophosphorylase 2  |  | UGP2     | U27460   | 4 | 1.6 | 0.2 |
| 38341_at   | staufen (Drosophila, RNA-binding protein) homolog 2                                      |  | STAU2    | AL079286 | 4 | 2.5 | 6.2 |
| 75498_at   |  |  |          | AA868356 | 4 | 1.2 | 3.2 |
| 91377_g_at | hypothetical protein FLJ11132  |  |          | AA707653 | 4 | 3.2 | 0   |
| 56854_f_at |  |  |          | A1742034 | 4 | 0.4 | 0.2 |
| 90417_at   | ribosomal protein S6 kinase, 90kD, polypeptide 5   |  | RPS6KA5  | A1382181 | 4 | 0   | 0   |
| 74763_at   | cold shock domain protein A  |  | CSDA     | A1081577 | 4 | 0.5 | 1   |
| 76133_at   |  |  |          | A1654230 | 4 | 1.6 | 0.7 |
| 76046_at   |  |  |          | AA702810 | 4 | 2.4 | 0.1 |
| 82368_at   | olfactory receptor, family 7, subfamily E, member 12 pseudogene                          |  | OR7E12P  | A1809176 | 4 | 1.4 | 3.2 |
| 53732_at   |  |  |          | AA055909 | 4 | 1.4 | 0.7 |

Figure 11UUUU

|            |  |  |          |   |     |      |
|------------|--|--|----------|---|-----|------|
| 48854_i.at |  |  | AW025683 | 4 | 2.1 | 4.5  |
| 77232_at   |  |  | A1683999 | 4 | 0   | 0.2  |
| 70635_f.at |  |  | A1799862 | 4 | 2.1 | 2.5  |
| 89005_r.at |  |  | A1923675 | 4 | 2.6 | 2.2  |
| 77231_at   |  |  | A1761622 | 4 | 3.1 | 7    |
| 91579_at   |  |  | A1939511 | 4 | 2.1 | 1.2  |
| 83904_at   |  |  | A1985614 | 4 | 2   | 4.3  |
| 92166_at   |  |  | A1190864 | 4 | 2.2 | 2.8  |
| 63270_at   |  |  | AA027103 | 4 | 0   | 2.6  |
| 63074_at   |  |  | AA570454 | 4 | 3.7 | 4.7  |
| 90054_r.at |  |  | R02815   | 4 | 0.3 | 2.3  |
| 85864_at   |  |  | AW023438 | 4 | 0.5 | 0.3  |
| 72783_at   |  |  | A1655284 | 4 | 1   | 2.3  |
| 45723_at   |  | transmembrane protein vezatin; hypothetical protein DkFZp761C241 | A1805297 | 4 | 2.2 | 0    |
| 62972_at   |  | KIAA1376 protein   | W56118   | 4 | 2   | 17.8 |
| 55549_s.at |  | Kruppel-type zinc finger protein                                 | A1783578 | 4 | 1.2 | 4.6  |
| 43949_at   |  |  | A1290991 | 4 | 2   | 0.5  |
| 45446_at   |  |  | R53916   | 4 | 1.2 | 2    |
| 73460_l.at |  |  | H52268   | 4 | 0.2 | 0.8  |
| 65571_at   |  |  | A1768785 | 4 | 1.6 | 0    |
| 56880_at   |  |  | R12560   | 4 | 1   | 0    |
| 62396_r.at |  |  | A1291705 | 4 | 3.1 | 3.4  |
| 71617_at   |  | hypothetical protein FLJ23112                                    | A1937612 | 4 | 9.5 | 0    |
| 43355_s.at |  |  | N70077   | 4 | 2.6 | 1.5  |
| 62876_at   |  |  | A1393573 | 4 | 0   | 0    |
| 46316_at   |  | hqp0256 protein  | A1494647 | 4 | 0.6 | 0    |
| 57739_at   |  | hypothetical protein FLJ20195                                    | A1949010 | 4 | 3.5 | 8.7  |
| 61641_at   |  |  | AA479481 | 4 | 1.5 | 3.8  |
| 79034_at   |  |  | AA907783 | 4 | 2.5 | 0.9  |
| 50148_r.at |  |  | A1963083 | 4 | 2   | 0.1  |
| 64834_at   |  |  | AA447325 | 4 | 0.1 | 5.3  |
| 59574_at   |  |  | A1807378 | 4 | 1.3 | 4.8  |
| 44675_at   |  | xylosyltransferase II  | AA043495 | 4 | 0   | 0    |
| 64564_at   |  |  | R96525   | 4 | 1.6 | 2.2  |

Figure 11VVVV



|            |   |  |         |          |     |     |      |
|------------|---|--|---------|----------|-----|-----|------|
| 1885_at    | excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing) |  | ERCC3   | M31899   | 4   | 2.4 | 4.3  |
| 37982_at   | dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)  |  | DCI     | Z25821   | 4   | 3   | 3.5  |
| 63866_at   | cathepsin C   |  | CTSC    | A1246687 | 4   | 1.1 | 3.9  |
| 48055_at   |   |  |         | N66640   | 4   | 2.3 | 4.6  |
| 57532_at   | dishevelled 2 (homologous to Drosophila dsh)  |  | DVL2    | AW016304 | 4   | 2.2 | 4.1  |
| 57327_s_at | ribonuclease, RNase A family, k6  |  | RNASE6  | AW026402 | 4   | 3.4 | 3.7  |
| 50926_s_at | fatty acid hydroxylase  |  |         | R54585   | 4   | 4   | 4    |
| 58963_at   | hypothetical protein FLJ10535   |  |         | W74642   | 4   | 2.4 | 3.5  |
| 64410_at   | KIAA1150 protein  |  |         | AA813014 | 4   | 2.6 | 3.6  |
| 49061_at   | inorganic pyrophosphatase   |  |         | A1806119 | 4   | 1.8 | 4.5  |
| 57201_at   | hypothetical protein FLJ10968   |  |         | A1870481 | 4   | 2.5 | 4.2  |
| 64486_at   | hypothetical protein DKFZp762l166   |  |         | A1341234 | 4   | 2.2 | 4.5  |
| 57697_at   |   |  |         | A1445628 | 4   | 2.2 | 2.7  |
| 54935_at   | CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)                               |  | CD74    | N22918   | 4   | 3.2 | 3.7  |
| 31792_at   | annexin A3  |  | ANXA3   | M20560   | 3.9 | 0   | 1.1  |
| 31861_at   | immunoglobulin mu binding protein 2   |  | IGHMBP2 | L14754   | 3.9 | 1.4 | 4.9  |
| 33082_at   | integrin, alpha 10  |  | ITGA10  | AF074015 | 3.9 | 1.1 | 8.5  |
| 32294_g_at | luteinizing hormone/choriogonadotropin receptor   |  | LHCGR   | M63108   | 3.9 | 3.2 | 7.5  |
| 31516_f_at | basic transcription factor 3, like 1  |  | BTFL1   | M90354   | 3.9 | 0.2 | 1    |
| 33666_at   | heterogeneous nuclear ribonucleoprotein C (C1/C2)   |  | HNRPC   | M16342   | 3.9 | 2.2 | 0.7  |
| 32151_at   | Ran GTPase activating protein 1   |  | RANGAP1 | X82260   | 3.9 | 2.5 | 0.5  |
| 38872_at   | zinc finger protein 230   |  | ZNF230  | U95044   | 3.9 | 2   | 0.7  |
| 33748_at   | minor histocompatibility antigen HA-1   |  |         | D86976   | 3.9 | 0.8 | 0    |
| 32962_at   | cystathionase (cystathionine gamma-lyase)   |  | CTH     | S52028   | 3.9 | 0.1 | 2.7  |
| 32954_at   | DKFZP434D193 protein  |  |         | U79263   | 3.9 | 4.4 | 1    |
| 34759_at   |   |  |         | U68494   | 3.9 | 7.2 | 23.3 |
| 1070_at    | general transcription factor IIB  |  | GTF2B   | M76766   | 3.9 | 4.2 | 2.5  |
| 34785_at   | KIAA1025 protein  |  |         | AB028948 | 3.9 | 2.3 | 3.2  |
| 36737_at   | crystallin, beta A4   |  | CRYBA4  | U59057   | 3.9 | 0   | 3.6  |
| 823_at     | Small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin)  |  | SCYD1   | U84487   | 3.9 | 1.1 | 13.9 |

Figure 11XXXX



|            |   |  |        |          |     |      |     |
|------------|---|--|--------|----------|-----|------|-----|
| 37645_at   | CD69 antigen (p60, early T-cell activation antigen)                               |  | CD69   | Z22576   | 3.9 | 0.8  | 4.5 |
| 37912_at   | TNF receptor-associated factor 4  |  | TRAF4  | X80200   | 3.9 | 0.7  | 0.5 |
| 37962_r_at | syntaxin binding protein 3  |  | STXBP3 | D63506   | 3.9 | 0.7  | 2.3 |
| 39150_at   | ring finger protein 11  |  | RNF11  | U69559   | 3.9 | 3.2  | 6.1 |
| 63313_at   |   |  |        | AA418636 | 3.9 | 2.2  | 0.6 |
| 51174_at   | spinocerebellar ataxia 7 (olivopontocerebellar atrophy with retinal degeneration) |  | SCA7   | AL043992 | 3.9 | 4.4  | 3.2 |
| 56399_at   | PABP-interacting protein 2  |  |        | AI792631 | 3.9 | 1.1  | 0.5 |
| 80913_at   |   |  |        | AI791953 | 3.9 | 2    | 0   |
| 75996_at   |   |  |        | R18374   | 3.9 | 2.8  | 5.8 |
| 59520_at   | MARK  |  |        | AA126520 | 3.9 | 1.5  | 1.1 |
| 53790_at   | actin-related protein 3-beta  |  |        | AA772242 | 3.9 | 0.1  | 0.1 |
| 77680_at   |   |  |        | AI809979 | 3.9 | 7.1  | 3.1 |
| 74525_at   | enhancer of polycomb 1  |  |        | AI791534 | 3.9 | 2    | 3.4 |
| 50563_r_at |   |  |        | AI224126 | 3.9 | 5.5  | 2.5 |
| 61191_at   |   |  |        | AI539443 | 3.9 | 14.2 | 9.4 |
| 65434_at   |   |  |        | N73778   | 3.9 | 1    | 5.2 |
| 52095_at   |   |  |        | AI217733 | 3.9 | 2.9  | 4.1 |
| 48956_at   | hypothetical protein FLJ20271   |  |        | N73934   | 3.9 | 2.6  | 6.6 |
| 53358_at   |   |  |        | AI279946 | 3.9 | 0.7  | 1.1 |
| 73014_s_at | RAB13, member RAS oncogene family   |  | RAB13  | AW001549 | 3.9 | 1.4  | 0   |
| 90173_at   |   |  |        | AA203229 | 3.9 | 0.1  | 0.8 |
| 83915_at   |   |  |        | AI703123 | 3.9 | 2.7  | 1.5 |
| 81889_r_at |   |  |        | AI819070 | 3.9 | 1    | 1.2 |
| 54633_at   | hypothetical protein FLJ12878   |  |        | AA195077 | 3.9 | 1.9  | 0   |
| 82223_at   |   |  |        | AI871160 | 3.9 | 2.3  | 3.4 |
| 82481_at   |   |  |        | AI243249 | 3.9 | 1.3  | 0   |
| 85133_at   |   |  |        | AI148712 | 3.9 | 1.3  | 3.3 |
| 91935_at   |   |  |        | AI694752 | 3.9 | 2    | 0.9 |
| 62334_s_at |   |  |        | T94015   | 3.9 | 4.8  | 0.8 |
| 47724_r_at |   |  |        | R92163   | 3.9 | 2.5  | 4   |
| 54842_at   |   |  |        | AI758780 | 3.9 | 0.7  | 0.8 |
| 63069_at   |   |  |        | AA521016 | 3.9 | 0.1  | 0   |
| 67491_at   |   |  |        | AA872025 | 3.9 | 2.7  | 1.9 |
| 63094_at   |   |  |        | R10311   | 3.9 | 0.9  | 0.7 |

Figure 11YYYY

|            |  |  |           |          |     |     |     |
|------------|--|--|-----------|----------|-----|-----|-----|
| 68186_at   |  |  |           | AA465263 | 3.9 | 2.2 | 2.7 |
| 88152_at   |  |  |           | AA706908 | 3.9 | 0.3 | 1.1 |
| 70238_at   |  |  |           | AA521399 | 3.9 | 2.3 | 8.5 |
| 73171_at   |  |  |           | A1953346 | 3.9 | 1.9 | 0.7 |
| 72375_at   |  |  |           | AA316630 | 3.9 | 1.2 | 0   |
| 58913_at   |  |  |           | A1916598 | 3.9 | 0.1 | 0   |
| 48136_at   | hypothetical protein FLJ20371  |  |           | AA032184 | 3.9 | 2.3 | 7.3 |
| 33180_at   | protein phosphatase 1, regulatory (inhibitor) subunit 2                  |  | PPP1R2    | U68111   | 3.9 | 2   | 1   |
| 58356_at   |  |  |           | AA142978 | 3.9 | 2.3 | 3.8 |
| 66322_at   |  |  |           | N95416   | 3.9 | 2.4 | 2.2 |
| 85177_at   | H2B histone family, member R   |  | H2BFR     | A1336982 | 3.9 | 0.4 | 0.5 |
| 48589_s_at |  |  |           | N98652   | 3.9 | 0.3 | 1.6 |
| 65815_at   | ZYG homolog  |  |           | A1080334 | 3.9 | 2.1 | 0   |
| 84284_at   |  |  |           | A1056418 | 3.9 | 1.6 | 0   |
| 64015_g_at |  |  |           | AA130159 | 3.9 | 3.3 | 1.3 |
| 53485_at   |  |  |           | A1521545 | 3.9 | 1.8 | 5.2 |
| 52540_at   |  |  |           | A1467915 | 3.9 | 3.8 | 2.6 |
| 58577_at   |  |  |           | A1392933 | 3.9 | 2.2 | 0   |
| 52090_at   |  |  |           | A198126  | 3.9 | 3   | 0   |
| 46732_at   |  |  |           | AA075666 | 3.9 | 0.6 | 0   |
| 46090_at   |  |  |           | AA806216 | 3.9 | 0.8 | 4.7 |
| 55289_at   |  |  |           | W86056   | 3.9 | 0.3 | 0.2 |
| 64477_at   |  |  |           | AA630405 | 3.9 | 2.5 | 2.8 |
| 47371_at   |  |  |           | AA017037 | 3.9 | 7   | 13  |
| 47964_at   | KIAA1014 protein   |  |           | A1083506 | 3.9 | 1.5 | 0   |
| 37929_at   | immunoglobulin superfamily, member 4                                     |  | IGSF4     | AB017563 | 3.9 | 0.2 | 0.5 |
| 44058_at   |  |  |           | W60953   | 3.9 | 2   | 5.2 |
| 65579_at   | SH3 and PX domain-containing protein SH3PX1                              |  |           | AA455005 | 3.9 | 1.2 | 0   |
| 37747_at   | annexin A5   |  | ANXA5     | U05770   | 3.9 | 1.5 | 1.8 |
| 37611_at   | tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) |  | TNFRSF11B | AB008822 | 3.9 | 0   | 0   |
| 57717_at   | CGG triplet repeat binding protein 1                                     |  | CGGBP1    | AA903358 | 3.9 | 1.6 | 0.9 |
| 49762_at   |  |  |           | T86307   | 3.9 | 2.6 | 3.4 |
| 64851_at   |  |  |           | AA399994 | 3.9 | 1.3 | 4.3 |
| 47614_at   |  |  |           | A1021988 | 3.9 | 2.9 | 1.5 |

Figure 11ZZZZ.

|            |  |         |          |          |     |     |     |
|------------|--|---------|----------|----------|-----|-----|-----|
| 1339_s.at  |  |         |          | X14675   | 3.9 | 3.3 | 2   |
| 70261_at   |  |         |          | A1808755 | 3.9 | 0.7 | 0   |
| 70832_at   |  |         |          | A1739235 | 3.9 | 1   | 2   |
| 75686_f.at |  |         |          | A1734065 | 3.9 | 5.2 | 8.8 |
| 78611_at   |  |         |          | A1378890 | 3.9 | 0.8 | 0.4 |
| 37454_at   | small inducible cytokine subfamily A (Cys-Cys), member 13  | SCYA13  | AJ001634 | 3.9      | 0.2 | 3.6 | 3.6 |
| 40266_at   | KIAA1036 protein   |         | AB028959 | 3.9      | 3.7 | 4.3 | 4.3 |
| 33448_at   | serine protease inhibitor, Kunitz type 1   | SPINT1  | AB000095 | 3.9      | 2   | 3.9 | 3.9 |
| 40139_at   | FK506 binding protein 12-rapamycin associated protein 1  | FRAP1   | U89966   | 3.9      | 2.2 | 3.3 | 3.3 |
| 36610_at   | KIAA0029 protein   |         | D21852   | 3.9      | 3.7 | 3.7 | 3.7 |
| 34314_at   | ribonucleotide reductase M1 polypeptide  | RRM1    | X59543   | 3.9      | 2.9 | 2.8 | 2.8 |
| 41504_s.at | v-maf musculoaponeurotic fibrosarcoma (avian) oncogene homolog   | MAF     | AF055376 | 3.9      | 3.2 | 4.1 | 4.1 |
| 35261_at   | glia maturation factor, gamma  | GMFG    | W07033   | 3.9      | 2.6 | 4.3 | 4.3 |
| 36194_at   | low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1) | LRPAP1  | M63959   | 3.9      | 0.5 | 4.5 | 4.5 |
| 37298_at   | GABA(A) receptor-associated protein  | GABARAP | AF044671 | 3.9      | 1.6 | 7   | 7   |
| 37609_at   | nucleotide binding protein 1 (E.coli MinD like)  | NUBP1   | U01833   | 3.9      | 0.8 | 3   | 3   |
| 52238_s.at | transforming, acidic coiled-coil containing protein 3  | TACC3   | A1990642 | 3.9      | 3.4 | 3.5 | 3.5 |
| 56821_at   | hypothetical protein FLJ10815  |         | A1963454 | 3.9      | 4.1 | 4.8 | 4.8 |
| 43422_at   | CD27-binding (Siva) protein  |         | AW025365 | 3.9      | 3.3 | 4.7 | 4.7 |
| 65813_at   | zinc finger protein homologous to Zfp.36 in mouse  | ZFP36   | N32721   | 3.9      | 2.8 | 4.8 | 4.8 |
| 55718_at   | hypothetical protein FLJ10890  |         | A1494412 | 3.9      | 2.3 | 2.3 | 2.3 |
| 54662_at   | ribosomal protein S9   | RPS9    | AA194261 | 3.9      | 3.4 | 3.9 | 3.9 |
| 54869_at   |  |         | AA287799 | 3.9      | 3.7 | 4.4 | 4.4 |
| 63544_at   |  |         | N33295   | 3.9      | 2.7 | 4.5 | 4.5 |
| 65761_at   |  |         | AA525969 | 3.9      | 2.8 | 3.6 | 3.6 |
| 43495_at   |  |         | T92245   | 3.9      | 2.1 | 4.7 | 4.7 |
| 60863_s.at | hypothetical protein from EUROMIMAGE 2021883   |         | AA526910 | 3.9      | 2.8 | 4.3 | 4.3 |
| 50252_at   |  |         | AA149410 | 3.9      | 2.9 | 3.9 | 3.9 |
| 88182_at   |  |         | A1084454 | 3.9      | 2.6 | 5.8 | 5.8 |
| 51105_at   | Rho guanine nucleotide exchange factor (GEF) 3   | ARHGEF3 | N57933   | 3.9      | 1   | 3.2 | 3.2 |
| 44343_s.at |  |         | A1074877 | 3.9      | 3.1 | 3.8 | 3.8 |
| 47634_at   |  |         | AW052044 | 3.9      | 3.6 | 2.8 | 2.8 |
| 66267_at   | adaptor-related protein complex 1, sigma 2 subunit   | AP1S2   | AA151802 | 3.9      | 3.2 | 3.7 | 3.7 |

Figure 11AAAA



|            |  |  |          |          |     |     |     |
|------------|--|--|----------|----------|-----|-----|-----|
| 91452_at   |  |  |          | A1792922 | 3.8 | 1.5 | 1.8 |
| 82064_at   |  |  |          | AA552150 | 3.8 | 2.5 | 4.2 |
| 91683_at   |  |  |          | A1968374 | 3.8 |     | 3.3 |
| 67375_at   |  |  |          | A1829707 | 3.8 | 2.4 | 4.2 |
| 49751_at   |  |  |          | AA169778 | 3.8 | 3.1 | 2.1 |
| 51674_at   |  |  |          | N28262   | 3.8 | 3.2 | 0.9 |
| 78986_at   | ubiquitin-specific protease 25                                     |  | USP25    | A1092963 | 3.8 | 1.7 | 2.8 |
| 63108_at   |  |  |          | A1741779 | 3.8 | 3.3 | 2.2 |
| 49925_at   | hypothetical protein FLJ10120                                      |  |          | A1971227 | 3.8 | 1.5 | 0.5 |
| 43188_at   |  |  |          | A1732568 | 3.8 | 1.9 | 1.4 |
| 50761_at   | BANP homolog, SMAR1 homolog  |  |          | A1738764 | 3.8 | 6.5 | 1.1 |
| 63543_r_at | suppressor of <i>S. cerevisiae</i> gcr2                            |  |          | A1954776 | 3.8 | 3.4 | 2.9 |
| 63669_at   |  |  |          | A1546970 | 3.8 | 2.2 | 1.8 |
| 58350_at   | hypothetical protein FLJ20651                                      |  |          | AW014619 | 3.8 | 5.5 | 0.6 |
| 44347_at   |  |  |          | N53347   | 3.8 | 1.3 | 4.8 |
| 59613_r_at |  |  |          | H78589   | 3.8 | 1.5 | 3.2 |
| 68675_at   | ficolin (collagen/fibrinogen domain-containing) 3 (Hakata antigen) |  | FCN3     | A1652910 | 3.8 | 4.7 | 6.3 |
| 43006_at   |  |  |          | A1871342 | 3.8 | 2.1 | 2.1 |
| 73095_at   |  |  |          | A1335277 | 3.8 | 0.9 | 1.5 |
| 46196_at   |  |  |          | A1580948 | 3.8 | 1.1 | 2.9 |
| 43049_at   | hypothetical protein FLJ13433                                      |  |          | H06431   | 3.8 | 2.9 | 0.8 |
| 48150_at   |  |  |          | R02297   | 3.8 | 1.6 | 3.2 |
| 65255_r_at |  |  |          | AA393998 | 3.8 | 3.4 | 2.5 |
| 90207_at   | HDCMA18P protein   |  |          | A1968653 | 3.8 | 2.7 | 0.2 |
| 49769_at   | hypothetical protein FLJ13611                                      |  |          | R61558   | 3.8 | 3.7 | 1.3 |
| 50318_at   |  |  |          | A1497833 | 3.8 | 1.5 | 3.1 |
| 57046_at   |  |  |          | A1198956 | 3.8 | 2.3 | 2.9 |
| 56242_at   | KIAA0493 protein   |  |          | AA863228 | 3.8 | 4.8 | 2.5 |
| 48931_at   | KIAA1085 protein   |  | KIAA1085 | A1692989 | 3.8 | 1.5 | 0.6 |
| 65645_at   | IGF-II mRNA-binding protein 2                                      |  |          | A1675886 | 3.8 | 0   | 0   |
| 68410_r_at |  |  |          | T96375   | 3.8 | 3.8 | 4.9 |
| 80380_at   |  |  |          | A1278983 | 3.8 | 0   | 1.7 |
| 60349_at   |  |  |          | AA921855 | 3.8 | 1.1 | 0.6 |
| 53056_at   |  |  |          | N91168   | 3.8 | 2.2 | 0   |
| 45932_at   |  |  |          | D59841   | 3.8 | 0.8 | 1.8 |

Figure 11CCCCC

|            |   |        |          |     |     |      |
|------------|---|--------|----------|-----|-----|------|
| 45191_at   | protein phosphatase 1, regulatory subunit 6   | PPP1R6 | A1680750 | 3.8 | 2.8 | 0    |
| 51053_at   |   |        | A1122787 | 3.8 | 4.8 | 6.7  |
| 54379_at   |   |        | N56947   | 3.8 | 0.4 | 3.2  |
| 35281_at   | laminin, gamma 2 (nicein (100kD), kalinin (105kD), BM600 (100kD), Herlitz junctional epidermolysis bullosa) | LAMC2  | U31201   | 3.8 | 0   | 1.8  |
| 54215_at   | hypothetical protein FLJ20073   |        | AA742993 | 3.8 | 2.2 | 2.5  |
| 54049_at   |   |        | A1652991 | 3.8 | 5.9 | 0    |
| 57207_at   |   |        | A1045641 | 3.8 | 1.2 | 0    |
| 36880_at   | NAD(P)H menadione oxidoreductase 2, dioxin-inducible  | NMOR2  | U07736   | 3.8 | 0.2 | 2    |
| 62557_at   | hypothetical protein FLJ12820   |        | A1745595 | 3.8 | 4.6 | 0.8  |
| 47052_at   |   |        | A1139548 | 3.8 | 3.1 | 2.2  |
| 74664_s_at | UBX domain-containing 1   | UBXDC1 | A4430224 | 3.8 | 2.7 | 0.6  |
| 46283_at   | hypothetical protein FLJ10081   |        | A1044171 | 3.8 | 2.4 | 0    |
| 48318_at   |   |        | AA872062 | 3.8 | 1.9 | 3.4  |
| 48710_at   |   |        | AA480092 | 3.8 | 4.2 | 0.1  |
| 55669_at   |   |        | A1266650 | 3.8 | 1.2 | 2.1  |
| 58827_at   |   |        | A1992368 | 3.8 | 4.2 | 5.3  |
| 48767_at   | ALEX1 protein   |        | A1693923 | 3.8 | 5.8 | 16.6 |
| 65982_at   | hypothetical protein  |        | AA740774 | 3.8 | 2.8 | 1.7  |
| 62888_r_at |   |        | A1923987 | 3.8 | 1.7 | 0.3  |
| 75467_at   |   |        | A1917245 | 3.8 | 2.2 | 0.2  |
| 78852_at   |   |        | A1076830 | 3.8 | 1.7 | 4.4  |
| 88927_at   |   |        | AA889052 | 3.8 | 2.2 | 8.2  |
| 70530_l_at |   |        | AA019714 | 3.8 | 1.5 | 1.3  |
| 89559_at   |   |        | AA456976 | 3.8 | 0.4 | 3.6  |
| 41381_at   | KIA0308 protein   |        | AB002306 | 3.8 | 1.6 | 3.4  |
| 39817_s_at | putative c-Myc-responsive   |        | AF040105 | 3.8 | 2.3 | 2.7  |
| 283_at     | ubiquinol-cytochrome c reductase core protein I   | UQCRC1 | L16842   | 3.8 | 1.7 | 4.1  |
| 172_at     | inositol polyphosphate-5-phosphatase, 145kD   | INPP5D | U57650   | 3.8 | 3   | 3    |
| 459_s_at   | bridging integrator 1   | BIN1   | U68485   | 3.8 | 2.9 | 3.4  |
| 32824_at   | ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)                             | CLN2   | AF039704 | 3.8 | 0.8 | 4.3  |
| 33348_at   | transcription factor 12 (HTF4, helix-loop-helix transcription factors 4)                                    | TCF12  | M80627   | 3.8 | 1.5 | 3.6  |
| 40818_at   | H-2K binding factor-2   |        | D14041   | 3.8 | 2.4 | 3.3  |

Figure 11DDDDDD

|            |  |  |         |          |     |      |      |
|------------|--|--|---------|----------|-----|------|------|
| 36188_at   | general transcription factor IIIA  |  | GTF3A   | D32257   | 3.8 | 1.6  | 3.6  |
| 36635_at   | ATPase, Class VI, type 11B   |  | ATP11B  | AB023173 | 3.8 | 1.2  | 4.3  |
| 1768_s_at  | c-src tyrosine kinase  |  | CSK     | X59932   | 3.8 | 2.2  | 3.1  |
| 36799_at   | frizzled (Drosophila) homolog 2  |  | FZD2    | L37882   | 3.8 | 2.6  | 3.7  |
| 55755_at   | growth suppressor 1  |  |         | A1345945 | 3.8 | 2.8  | 3.6  |
| 48066_at   |  |  |         | A1768720 | 3.8 | 1.8  | 3.7  |
| 76484_at   |  |  |         | AA789296 | 3.8 | 3.4  | 3.8  |
| 61126_at   |  |  |         | N22262   | 3.8 | 2.2  | 3.9  |
| 67162_r_at |  |  |         | A1366683 | 3.8 | 3.3  | 3.8  |
| 44712_at   |  |  |         | A1139894 | 3.8 | 1.8  | 2.8  |
| 60046_at   | candidate tumor suppressor protein   |  |         | A1796241 | 3.8 | 3.2  | 3.5  |
| 44097_at   | DKFZP586C1324 protein  |  |         | A1928466 | 3.8 | 2.7  | 4    |
| 56323_at   |  |  |         | A1890133 | 3.8 | 3    | 3.6  |
| 63997_s_at | vacuolar protein sorting 11 (Yeast homolog)                                    |  | VPS11   | AW007365 | 3.8 | 1.6  | 5.1  |
| 49110_s_at |  |  |         | T48132   | 3.8 | 2.6  | 4.3  |
| 38487_at   | KIAA0246 protein   |  |         | D87433   | 3.8 | 3.6  | 3.9  |
| 44569_at   |  |  |         | AA961420 | 3.8 | 3.6  | 3.6  |
| 54765_at   | xeroderma pigmentosum, complementation group C                                 |  | XPC     | AL042673 | 3.8 | 2.8  | 4.2  |
| 46132_at   |  |  |         | AA210738 | 3.8 | 2.1  | 3.4  |
| 46569_at   |  |  |         | AA552976 | 3.8 | 2.8  | 3.8  |
| 49197_at   | solute carrier family 16 (monocarboxylic acid transporters), member 1          |  | SLC16A1 | A1129459 | 3.8 | 3.2  | 2.7  |
| 56980_at   | hypothetical protein FLJ23309  |  |         | A1762891 | 3.8 | 1.5  | 3.6  |
| 48952_at   | hypothetical protein FLJ21634  |  |         | A1985274 | 3.8 | 3.1  | 3.8  |
| 38697_at   | DKFZP566C243 protein   |  |         | AL050274 | 3.7 | 0.8  | 1.2  |
| 40700_at   | nuclear body protein Sp140   |  |         | U36500   | 3.7 | 13.3 | 19   |
| 37468_at   | Janus kinase 2 (a protein tyrosine kinase)                                     |  | JAK2    | AF058925 | 3.7 | 4    | 3.1  |
| 39047_at   | KIAA0156 gene product  |  |         | AB020880 | 3.7 | 3.4  | 2    |
| 39856_at   | ribosomal protein L36a   |  | RPL36A  | A1708983 | 3.7 | 1.4  | 1    |
| 41853_at   | phosphoribosyl pyrophosphate synthetase-associated protein 2                   |  | PRPSAP2 | AB007851 | 3.7 | 1.7  | 0    |
| 31786_at   | Sam68-like phosphotyrosine protein, T-STAR                                     |  |         | AF051321 | 3.7 | 2.4  | 5.2  |
| 471_f_at   | tubulin, beta, 4   |  |         | U47634   | 3.7 | 2.2  | 2    |
| 40434_at   | podocalyxin-like   |  | PODXL   | U97519   | 3.7 | 1.4  | 14.9 |
| 40589_at   | syntrophin, beta 2 (dystrophin-associated protein A1, 59kD, basic component 2) |  | SNTB2   | U40572   | 3.7 | 2.2  | 1.8  |

Figure 11EEEEEE

|            |  |          |          |     |     |      |
|------------|--|----------|----------|-----|-----|------|
| 32731_at   | FE65-LIKE 2  |          | AB018247 | 3.7 | 1.7 | 2.2  |
| 41226_at   | dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)                  | DUSP3    | L05147   | 3.7 | 1.9 | 2.2  |
| 35927_r_at | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1 | LILRB1   | AF004230 | 3.7 | 1.5 | 2.2  |
| 39267_at   | N-acetylglucosamine phosphate mutase   |          |          |     |     |      |
| 242_at     | microtubule-associated protein 4   | MAP4     | AF102265 | 3.7 | 3.5 | 7.8  |
| 31671_at   | RNA binding motif, single stranded interacting protein 1, pseudogene                     | RBMS1P   | M64571   | 3.7 | 3.5 | 0.4  |
|            |  |          | D82351   | 3.7 | 4.6 | 3.9  |
| 36968_s_at | Opa-interacting protein 2  |          |          |     |     |      |
| 35214_at   | UDP-glucose dehydrogenase  | UGDH     | AL050353 | 3.7 | 1.8 | 1    |
| 1565_s_at  | growth factor receptor-bound protein 2   | GRB2     | AF061016 | 3.7 | 2   | 5.6  |
| 39657_at   | keratin 4  | KRT4     | M96995   | 3.7 | 3.6 | 1.1  |
| 34370_at   | archain 1  |          | X07695   | 3.7 | 0.3 | 3.4  |
| 36001_at   | methytransferase-like 1  | ARCN1    | X81198   | 3.7 | 2.7 | 3.1  |
| 35265_at   | fragile X mental retardation, autosomal homolog 2  | METTL1   | Y18643   | 3.7 | 2.5 | 0    |
| 41823_at   | stauferin (Drosophila, RNA-binding protein)  | FXR2     | U31501   | 3.7 | 3   | 0.4  |
| 32628_at   | zinc finger protein 161  | STAU     | AJ132258 | 3.7 | 2.8 | 1    |
| 35847_at   | ubiquitin specific protease 24   | ZNF161   | D28118   | 3.7 | 3.5 | 7.2  |
| 40390_at   | serine dehydratase   | USP24    | AB028980 | 3.7 | 3   | 4.7  |
| 37375_at   | KIAA0638 protein   | SDS      | J05037   | 3.7 | 5.2 | 16.9 |
| 38012_at   | fibrillin 2 (congenital contractural arachnodactyly)                                     | AB014538 |          | 3.7 | 1.3 | 2.1  |
| 37572_at   | cholecystokinin  | FBN2     | U03272   | 3.7 | 2.4 | 2    |
| 38082_at   | KIAA0650 protein   | CCK      | AW043690 | 3.7 | 0.7 | 7.1  |
| 840_at     | zinc finger protein 220  |          | AB014550 | 3.7 | 3   | 12.1 |
| 37890_at   | CD47 antigen (Rh-related antigen, integrin-associated signal transducer)                 | ZNF220   | U47742   | 3.7 | 2.5 | 2.6  |
|            |  | CD47     | X69398   | 3.7 | 5.4 | 1    |
| 56042_at   | phospholipase C, beta 3, neighbor pseudogene   | PLCB3NP  | AI023365 | 3.7 | 2.3 | 2.9  |
| 58005_at   | hypothetical protein   |          | AI480253 | 3.7 | 6.7 | 3.8  |
| 80967_at   |  |          | AA703048 | 3.7 | 1   | 0.8  |
| 66231_at   |  |          | AA573860 | 3.7 | 2.4 | 5.7  |
| 66316_at   |  |          | N24645   | 3.7 | 0   | 3.3  |
| 52939_at   |  |          | N36115   | 3.7 | 1.7 | 3.1  |
| 66473_at   |  |          | AI677843 | 3.7 | 0.6 | 1.5  |
| 76576_at   |  |          | AA813745 | 3.7 | 1.4 | 2.4  |

Figure 11FFFFF



|            |  |  |  |          |     |     |     |
|------------|--|--|--|----------|-----|-----|-----|
| 58893_at   |  |  |  | AI697856 | 3.7 | 3   | 2.5 |
| 78005_at   |  |  |  | AI459248 | 3.7 | 0.8 | 2.7 |
| 74867_at   |  |  |  | AI038997 | 3.7 | 4.3 | 3   |
| 90852_at   |  |  |  | AI147384 | 3.7 | 0.9 | 2.8 |
| 90884_r_at |  |  |  | AA699634 | 3.7 | 2.5 | 2.6 |
| 82382_at   |  |  |  | AA921947 | 3.7 | 2.5 | 1.7 |
| 75265_at   |  |  |  | AI821772 | 3.7 | 0.2 | 0.3 |
| 51366_at   |  |  |  | AI188748 | 3.7 | 2.5 | 2.5 |
| 56575_at   |  |  |  | AW025521 | 3.7 | 1.1 | 0   |
| 52074_at   |  |  |  | AI218119 | 3.7 | 1.8 | 2.5 |
| 80265_at   |  |  |  | AI420422 | 3.7 | 1.2 | 3.9 |
| 53351_at   |  |  | epidermal growth factor receptor substrate EPS1R | AA083211 | 3.7 | 1.6 | 0.7 |
| 83640_at   |  |  |  | AI948598 | 3.7 | 1   | 0.6 |
| 51578_at   |  |  |  | T91195   | 3.7 | 1.1 | 3.6 |
| 83566_at   |  |  |  | AI366705 | 3.7 | 2.3 | 1.4 |
| 54763_at   |  |  | hypothetical protein FLJ20303                    | AL043081 | 3.7 | 2.1 | 0.2 |
| 64149_at   |  |  |  | N51587   | 3.7 | 1.6 | 0   |
| 59084_at   |  |  |  | AA126814 | 3.7 | 1.7 | 0   |
| 43173_at   |  |  |  | AA661990 | 3.7 | 0.5 | 1.1 |
| 68376_at   |  |  |  | AA927862 | 3.7 | 2.8 | 1.5 |
| 68146_at   |  |  |  | AA661520 | 3.7 | 2.3 | 2   |
| 88280_r_at |  |  |  | AA703174 | 3.7 | 0.9 | 5.4 |
| 88282_at   |  |  |  | AA765234 | 3.7 | 2   | 3.5 |
| 88805_at   |  |  |  | AI761186 | 3.7 | 0.3 | 0.6 |
| 63554_at   |  |  |  | N64735   | 3.7 | 1.1 | 1.9 |
| 70664_at   |  |  |  | AI823511 | 3.7 | 0.9 | 0   |
| 72134_at   |  |  |  | AI686860 | 3.7 | 1.6 | 0   |
| 89772_r_at |  |  |  | AI567466 | 3.7 | 0.6 | 1.8 |
| 49740_at   |  |  |  | AI279567 | 3.7 | 3.1 | 8.6 |
| 65839_at   |  |  |  | AW022836 | 3.7 | 4.4 | 6.3 |
| 43990_at   |  |  | uncharacterized bone marrow protein BM040        | AI676178 | 3.7 | 3   | 0.8 |
| 66026_at   |  |  |  | H44949   | 3.7 | 3.7 | 0.3 |
| 42804_at   |  |  |  | W86160   | 3.7 | 5.1 | 5.4 |
| 51933_at   |  |  |  | AW023193 | 3.7 | 2   | 4.4 |
| 78757_at   |  |  | selenoprotein X, 1                               | SEPX1    | 3.7 | 6   | 0.4 |

Figure 11GGGG

|            |   |          |          |     |     |      |
|------------|---|----------|----------|-----|-----|------|
| 46634_at   | triggering receptor expressed on myeloid cells 1 (TREM1)              |          | D78812   | 3.7 | 4.1 | 2.2  |
| 46299_at   | hypothetical protein FLJ23591   | FLJ23591 | R91222   | 3.7 | 2.3 | 0.9  |
| 43120_at   | myeloid/lymphoid or mixed-lineage leukemia3                           | MLL3     | A1640514 | 3.7 | 1   | 0.8  |
| 47324_at   | heat shock 90kD protein 1, alpha                                      | HSPCA    | A1199881 | 3.7 | 2   | 7.3  |
| 43951_at   |   |          | AA205787 | 3.7 | 1.3 | 0.1  |
| 43492_at   | hypothetical protein FLJ10439   |          | A1818133 | 3.7 | 3.9 | 0.3  |
| 56746_at   |   |          | A1417988 | 3.7 | 2.4 | 3.9  |
| 81806_at   | KIAA1681 protein  |          | A1694702 | 3.7 | 4.7 | 4.6  |
| 53171_at   |   |          | N51557   | 3.7 | 2.7 | 2.3  |
| 45106_r_at |   |          | W31963   | 3.7 | 1.2 | 2.2  |
| 46114_at   |   |          | AA121481 | 3.7 | 0.6 | 3.6  |
| 55829_at   |   |          | AA058944 | 3.7 | 2.9 | 4.7  |
| 49671_at   | PRO1073 protein   |          | AL037363 | 3.7 | 1.1 | 0    |
| 56582_at   | cytochrome c oxidase subunit VIIa polypeptide 2 (liver)               | COX7A2   | A1611424 | 3.7 | 2.6 | 1    |
| 58341_l_at |   |          | A1734899 | 3.7 | 5.1 | 1.6  |
| 51932_at   |   |          | AW022635 | 3.7 | 1.1 | 0.5  |
| 55959_at   |   |          | AA148929 | 3.7 | 5.7 | 4.9  |
| 46042_at   |   |          | N98235   | 3.7 | 4   | 5.4  |
| 43361_s_at | syndecan 1  | SDC1     | A1972735 | 3.7 | 5.1 | 0    |
| 48259_at   |   |          | A1123757 | 3.7 | 2.4 | 14.7 |
| 66113_r_at |   |          | A1824210 | 3.7 | 0.6 | 2.4  |
| 57345_g_at |   |          | A1768674 | 3.7 | 1.4 | 2    |
| 33186_l_at |   |          | AL046961 | 3.7 | 0.1 | 3.2  |
| 62269_r_at |   |          | AL499298 | 3.7 | 0.7 | 4.1  |
| 41758_at   | chromosome 22 open reading frame 5                                    | C22ORF5  | AL096879 | 3.7 | 2   | 3    |
| 36053_at   | cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)             | CDKN2C   | AF041248 | 3.7 | 2.3 | 0.6  |
| 35266_at   | bladder cancer associated protein                                     | BLCAP    | AL049288 | 3.7 | 1.8 | 3.2  |
| 35805_at   | DKFZP434D156 protein  |          | AA447263 | 3.7 | 1.1 | 4    |
| 260_at     | quinoid dihydropteridine reductase                                    |          | M16447   | 3.7 | 1.9 | 2.2  |
| 39088_at   | seven transmembrane domain protein                                    |          | Y18007   | 3.7 | 1.5 | 3.9  |
| 48084_at   |   |          | AA582193 | 3.7 | 3.2 | 3.7  |
| 54986_at   | hypothetical protein MGC3103  |          | A1992073 | 3.7 | 1.3 | 3.4  |
| 64363_f_at | high-mobility group (nonhistone chromosomal) protein isoforms 1 and Y | HMGY     | AW005489 | 3.7 | 0.7 | 4    |
| 80889_at   |   |          | AA604308 | 3.7 | 2.5 | 3.3  |

Figure 11HHHHHH

|            |  |  |         |          |     |     |      |
|------------|--|--|---------|----------|-----|-----|------|
| 60009_at   |  |  |         | AI673085 | 3.7 | 3.5 | 2.6  |
| 54698_at   |  |  |         | W56253   | 3.7 | 2.9 | 3.5  |
| 68924_at   |  |  |         | AA969377 | 3.7 | 3.1 | 3.6  |
| 44646_r_at | eukaryotic translation initiation factor 2, subunit 3 (gamma, 52kD)  |  | EIF2S3  | N38902   | 3.7 | 3.4 | 3.9  |
| 49591_at   | hypothetical protein FLJ10504  |  |         | AI888436 | 3.7 | 2.2 | 3.2  |
| 45607_at   |  |  |         | AI810669 | 3.7 | 3.7 | 3.6  |
| 43801_f_at | mannosyl (alpha-1,3)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme B                                    |  | MGAT4B  | AW015584 | 3.7 | 2.7 | 5.7  |
| 57195_at   |  |  |         | AI935271 | 3.7 | 2.2 | 3.6  |
| 47390_at   |  |  |         | AA928060 | 3.7 | 3.7 | 3.7  |
| 65923_at   |  |  |         | AI344311 | 3.7 | 3.2 | 4.2  |
| 55653_at   |  |  |         | AA524700 | 3.7 | 2.1 | 3.5  |
| 34469_at   | ABO blood group (transferase A, alpha 1-3-N-acetylglucosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase) |  | ABO     | X84746   | 3.6 | 0.3 | 9.1  |
| 39338_at   | S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))                                 |  | S100A10 | AI201310 | 3.6 | 1.2 | 3.2  |
| 853_at     | nuclear factor (erythroid-derived 2)-like 2  |  | NFE2L2  | S74017   | 3.6 | 0.9 | 2    |
| 31410_at   | transmembrane activator and CAML interactor  |  |         | AF023614 | 3.6 | 1.1 | 3.7  |
| 40811_at   | KIAA0576 protein   |  |         | AB011148 | 3.6 | 1.7 | 0.4  |
| 38540_at   | muscle RAS oncogene homolog  |  | MRAS    | AF043938 | 3.6 | 1.7 | 0.1  |
| 41155_at   | catenin (cadherin-associated protein), alpha 1 (102kD)   |  | CTNNA1  | U03100   | 3.6 | 1.7 | 0    |
| 41735_at   | KIAA0870 protein   |  |         | AB089958 | 3.6 | 1.2 | 0    |
| 40930_at   | sulfortransferase family 4A, member 1  |  | SULT4A1 | W25958   | 3.6 | 1.1 | 11.3 |
| 38900_at   | paired box gene 3 (Wardenburg syndrome 1)  |  | PAX3    | U02309   | 3.6 | 1.1 | 3.1  |
| 33774_at   | caspase 8, apoptosis-related cysteine protease   |  | CASP8   | X98172   | 3.6 | 2.9 | 1.7  |
| 39243_s_at | PC4 and SFRS1 interacting protein 2  |  | PSIP2   | U94319   | 3.6 | 2.8 | 4.5  |
| 34397_at   | acid-inducible phosphoprotein  |  |         | AF069250 | 3.6 | 0.9 | 0    |
| 641_at     | presenilin 1 (Alzheimer disease 3)   |  | PSEN1   | L76517   | 3.6 | 2.1 | 2.2  |
| 36042_at   | neurotrophic tyrosine kinase, receptor, type 2   |  | NTRK2   | X75958   | 3.6 | 0.4 | 3    |
| 34846_at   | calcium/calmodulin-dependent protein kinase (CaM kinase) II beta   |  | CAMK2B  | AF112472 | 3.6 | 2   | 3.6  |
| 36711_at   | v-maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein F   |  | MAFF    | AL021977 | 3.6 | 2.6 | 0    |
| 895_at     | macrophage migration inhibitory factor (glycosylation-inhibiting factor)   |  | MIF     | L19686   | 3.6 | 1.3 | 1.6  |

Figure 11HIII

|            |   |        |          |     |      |      |
|------------|---|--------|----------|-----|------|------|
| 36906_at   | cannabinoid receptor 1 (brain)  | CNR1   | U73304   | 3.6 | 0.4  | 4.6  |
| 1271_g_at  | v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65)) | RELA   | L19067   | 3.6 | 2.9  | 4.5  |
| 37368_at   | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4   | NFATC4 | AA292277 | 3.6 | 1    | 6.7  |
| 37399_at   | aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)   | AKR1C3 | D17793   | 3.6 | 3.5  | 0.1  |
| 38732_at   | chloride channel, nucleotide-sensitive, 1A  | CLNS1A | X91788   | 3.6 | 4    | 0    |
| 56186_at   |   |        | AA745496 | 3.6 | 2.3  | 2.2  |
| 42300_at   |   |        | AW006996 | 3.6 | 1    | 3.6  |
| 58119_at   |   |        | AA481066 | 3.6 | 1.9  | 3.4  |
| 50666_at   |   |        | AI911873 | 3.6 | 0.6  | 10.7 |
| 42449_at   |   |        | AA609232 | 3.6 | 2.3  | 1.7  |
| 76140_at   |   |        | AI688663 | 3.6 | 3.3  | 2.9  |
| 81453_at   |   |        | AI243808 | 3.6 | 0.6  | 1.2  |
| 61896_at   |   |        | AL038511 | 3.6 | 4.4  | 8.7  |
| 74374_at   |   |        | AA923305 | 3.6 | 1.3  | 1.8  |
| 74681_at   |   |        | AI018220 | 3.6 | 1.4  | 14.5 |
| 65239_at   |   |        | AI141949 | 3.6 | 4.2  | 0    |
| 51425_i_at |   |        | AA971774 | 3.6 | 1.5  | 3.1  |
| 57028_at   | RAB, member of RAS oncogene family-like 2B  | RABL2B | AI760941 | 3.6 | 2.8  | 0    |
| 59252_at   |   |        | AJ230805 | 3.6 | 2.4  | 2.3  |
| 91502_at   |   |        | AA490519 | 3.6 | 2.1  | 1.9  |
| 85189_at   |   |        | AI186064 | 3.6 | 2.1  | 1.6  |
| 48526_at   | hypothetical protein FLJ10582   |        | AI190311 | 3.6 | 4.6  | 1.1  |
| 63408_i_at |   |        | AA226131 | 3.6 | 2    | 1.3  |
| 43105_at   |   |        | T98171   | 3.6 | 3.7  | 9.2  |
| 85442_at   |   |        | AI791175 | 3.6 | 1.7  | 1.3  |
| 87217_at   |   |        | AA468768 | 3.6 | 0.7  | 3.8  |
| 59119_at   |   |        | AL038787 | 3.6 | 0    | 0    |
| 68570_at   |   |        | AA496390 | 3.6 | 0.3  | 0.2  |
| 70187_at   |   |        | AL037446 | 3.6 | 2.9  | 1.3  |
| 71549_i_at |   |        | AA699538 | 3.6 | 2.2  | 5.4  |
| 44936_at   |   |        | T93893   | 3.6 | 10.2 | 59   |

Figure 11JJJJ

|            |   |         |  |          |     |     |     |
|------------|---|---------|--|----------|-----|-----|-----|
| 63838_at   |   |         |  | AI887362 | 3.6 | 2.8 | 1.7 |
| 81370_r_at |   |         |  | AA578920 | 3.6 | 0.7 | 0.7 |
| 72732_s_at |   |         |  | AI990862 | 3.6 | 2.1 | 1.3 |
| 50237_at   | hypothetical protein FLJ11109   |         |  | AI832598 | 3.6 | 1.7 | 1.6 |
| 52273_s_at | RAB10, member RAS oncogene family   | RAB10   |  | AI979258 | 3.6 | 7.9 | 2.9 |
| 74938_at   | secretory carrier membrane protein 2  | SCAMP2  |  | R32802   | 3.6 | 1.3 | 1.6 |
| 52522_at   |   |         |  | H06408   | 3.6 | 1.3 | 4.4 |
| 49477_at   |   |         |  | AA948400 | 3.6 | 1.1 | 3   |
| 74452_at   |   |         |  | AI807366 | 3.6 | 2.1 | 2.1 |
| 43738_at   |   |         |  | AA565834 | 3.6 | 2.9 | 7.4 |
| 85505_f_at |   |         |  | AA844551 | 3.6 | 0.9 | 1.9 |
| 43852_at   | nucleolar protein 3 (apoptosis repressor with CARD domain)  | NOL3    |  | AW016214 | 3.6 | 1.7 | 0.7 |
| 54708_at   |   |         |  | AI890286 | 3.6 | 2.1 | 0   |
| 64756_at   | NAG22 protein   |         |  | AI826107 | 3.6 | 1.2 | 5.4 |
| 89366_at   |   |         |  | AI085580 | 3.6 | 3   | 0   |
| 47048_at   |   |         |  | AI971235 | 3.6 | 1.9 | 1.1 |
| 49395_at   |   |         |  | AI633514 | 3.6 | 1.9 | 0.1 |
| 45557_r_at | fibronectin 1   | FN1     |  | AW021977 | 3.6 | 1.4 | 3.5 |
| 55341_at   |   |         |  | AI351368 | 3.6 | 3.6 | 2.2 |
| 43383_s_at | hypothetical protein FLJ20727   |         |  | AW000901 | 3.6 | 1.1 | 0.5 |
| 80285_r_at |   |         |  | R98495   | 3.6 | 2.4 | 4.2 |
| 72742_at   |   |         |  | AA250992 | 3.6 | 3.3 | 3.7 |
| 47874_at   |   |         |  | AA281757 | 3.6 | 2.5 | 1   |
| 53354_at   |   |         |  | AI668938 | 3.6 | 0   | 0   |
| 49524_at   | Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1 | AMMECR1 |  | AI032981 | 3.6 | 2.1 | 4.6 |
| 58996_at   |   |         |  | H72583   | 3.6 | 0.7 | 1.6 |
| 60568_at   |   |         |  | N49962   | 3.6 | 2.9 | 2.3 |
| 64422_at   |   |         |  | AA634254 | 3.6 | 2.3 | 3.8 |
| 61314_at   | KIAA0203 gene product   |         |  | AL043152 | 3.6 | 0.6 | 0   |
| 51817_at   |   |         |  | AI991014 | 3.6 | 0.2 | 0.3 |
| 62456_at   |   |         |  | AA207074 | 3.6 | 1.9 | 2.5 |
| 53573_f_at |   |         |  | AA573272 | 3.6 | 2.7 | 3.9 |
| 57628_at   | pelota (Drosophila) homolog   | PELO    |  | AA436974 | 3.6 | 4.4 | 1.6 |
| 65183_at   | KIAA1705 protein  |         |  | AA044207 | 3.6 | 2.5 | 0.3 |

Figure 11KKKKKK

|            |  |         |          |     |     |     |
|------------|--|---------|----------|-----|-----|-----|
| 57280_f.at | major histocompatibility complex, class I, B                     | HLA-B   | A1985880 | 3.6 | 3   | 2.1 |
| 91767_s.at | peptidyl prolyl isomerase H (cyclophilin H)                      | PPIH    | AA741049 | 3.6 | 0.9 | 3.2 |
| 63124_at   |  |         | AA631399 | 3.6 | 1.7 | 7.8 |
| 52310_at   |  |         | 2969463  | 3.6 | 0.4 | 1.1 |
| 74606_r.at |  |         | AA122219 | 3.6 | 2.4 | 1   |
| 75969_f.at |  |         | A1985333 | 3.6 | 1   | 6.3 |
| 38990_at   | F-box only protein 9   | FBXO9   | AL031178 | 3.6 | 1.6 | 4.5 |
| 41733_at   | KIAA0220 protein   |         | AC003007 | 3.6 | 2   | 3.9 |
| 38161_at   | Not56 (D. melanogaster)-like protein                             |         | Y09022   | 3.6 | 3.2 | 2.1 |
| 36372_at   | hexokinase 3 (white cell)  | HK3     | U51333   | 3.6 | 0.7 | 3.6 |
| 40782_at   | short-chain dehydrogenase/reductase 1                            |         | AF061741 | 3.6 | 2.3 | 3.2 |
| 32234_at   | dystonia 1, torsion (autosomal dominant; torsin A)               | DYT1    | AF007871 | 3.6 | 1.6 | 2.1 |
| 32832_at   | macrophage erythroblast attacher                                 | MAEA    | AF084928 | 3.6 | 1.9 | 5.7 |
| 34332_at   | glucosamine-6-phosphate isomerase                                | GNPI    | D31766   | 3.6 | 0.9 | 3.3 |
| 34826_at   | succinate dehydrogenase complex, subunit A, flavoprotein (Fp)    | SDHA    | L21936   | 3.6 | 0.8 | 4.4 |
| 36482_s.at | ATPase, Ca++ transporting, ubiquitous                            | ATP2A3  | Y15724   | 3.6 | 2   | 3.5 |
| 33956_at   | MD-2 protein   |         | AB018549 | 3.6 | 0.2 | 3.6 |
| 36571_at   | topoisomerase (DNA) II beta (180kD)                              | TOP2B   | X68060   | 3.6 | 2.7 | 5.1 |
| 32578_at   | MAX-like bHLHZIP protein   |         | AW005997 | 3.6 | 0.3 | 3.5 |
| 38270_at   | poly (ADP-ribose) glycohydrolase                                 | PARG    | AF005043 | 3.6 | 1.3 | 3.4 |
| 48052_at   |  |         | A1936906 | 3.6 | 2.6 | 2.1 |
| 58206_at   |  |         | W63702   | 3.6 | 3.7 | 2.5 |
| 47431_at   |  |         | A1742206 | 3.6 | 1.5 | 3   |
| 57545_at   |  |         | AA706499 | 3.6 | 1.7 | 4.9 |
| 90257_at   | hypothetical protein DKFZp547D065                                |         | A1089323 | 3.6 | 2.6 | 3.7 |
| 58240_at   | bridging integrator 2  | BIN2    | A1760011 | 3.6 | 1.7 | 2.5 |
| 62850_at   |  |         | AA703170 | 3.6 | 3.3 | 2.7 |
| 53966_at   | second mitochondria-derived activator of caspase                 |         | AF039235 | 3.6 | 0   | 3   |
| 59595_at   |  |         | AA045175 | 3.6 | 3.2 | 3.2 |
| 45249_at   |  |         | AA775778 | 3.6 | 2.2 | 3.8 |
| 51056_at   | hypothetical protein DKFZp434D0412                               |         | AW025176 | 3.6 | 3.3 | 5.6 |
| 53879_at   | UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 3 | B3GALT3 | AA167825 | 3.6 | 1.1 | 3.5 |
| 43992_at   |  |         | R61748   | 3.6 | 3.3 | 3.1 |
| 51163_at   | hypothetical protein FLJ22405                                    |         | AA115361 | 3.6 | 2.9 | 4.5 |
| 65465_at   |  |         | A1953614 | 3.6 | 2.8 | 3.5 |

Figure 11LLLLL



|            |   |        |          |     |      |      |
|------------|---|--------|----------|-----|------|------|
| 37023_at   | lymphocyte cytosolic protein 1 (L-plastin)                                  | LCP1   | J02923   | 3.5 | 2.6  | 1.1  |
| 37365_at   | DnaJ (Hsp40) homolog, subfamily B, member 2                                 | DNAJB2 | X63368   | 3.5 | 2.3  | 0.5  |
| 37688_f.at | Fc fragment of IgG, low affinity IIa, receptor for (CD32)                   | FCGR2A | M31932   | 3.5 | 0    | 0    |
| 37558_at   | IGF-II mRNA-binding protein 3   |        | U97188   | 3.5 | 11.9 | 12.2 |
| 38020_at   | KIAA0652 gene product   |        | AB014552 | 3.5 | 3.2  | 1.8  |
| 37948_at   | ATPase, H <sup>+</sup> -transporting, lysosomal (vacuolar proton pump) 42kD | ATP6C  | J05682   | 3.5 | 5.5  | 0.1  |
| 56410_at   | 40S ribosomal protein S27 isoform   |        | AA156232 | 3.5 | 2.6  | 0.1  |
| 48497_at   | membrane-associated nucleic acid binding protein                            |        | AI380524 | 3.5 | 2    | 3.8  |
| 81276_at   |   |        | N63894   | 3.5 | 5.5  | 7.2  |
| 50825_at   |   |        | W23499   | 3.5 | 2.8  | 12.4 |
| 76472_r.at |   |        | AA910786 | 3.5 | 1.7  | 1.8  |
| 66578_at   |   |        | AI732852 | 3.5 | 0.4  | 4.1  |
| 74390_at   |   |        | AI740774 | 3.5 | 0.5  | 0.6  |
| 78401_r.at |   |        | AW025517 | 3.5 | 0.9  | 3.8  |
| 76759_r.at |   |        | AI224653 | 3.5 | 1.1  | 1    |
| 53869_l.at |   |        | H49544   | 3.5 | 2    | 0.7  |
| 54655_at   | hypothetical protein FLJ12526   |        | AI186169 | 3.5 | 0.7  | 3    |
| 65272_at   |   |        | AA492507 | 3.5 | 1.2  | 2.4  |
| 83865_at   |   |        | AI703109 | 3.5 | 1.7  | 2.9  |
| 82643_at   |   |        | AI939451 | 3.5 | 1.8  | 0.6  |
| 47970_at   |   |        | AA126059 | 3.5 | 1.3  | 2.6  |
| 43281_at   |   |        | AA481181 | 3.5 | 5.5  | 7.1  |
| 86369_at   |   |        | AI500650 | 3.5 | 1.5  | 0.6  |
| 58371_g.at | hypothetical protein DKFZp761A052   |        | AW003291 | 3.5 | 1    | 0    |
| 59085_at   | hypothetical protein FLJ22609   |        | AA700816 | 3.5 | 4.2  | 1.5  |
| 87285_at   |   |        | AA679812 | 3.5 | 1.1  | 5.9  |
| 69337_at   |   |        | AI925894 | 3.5 | 0.6  | 0    |
| 56722_at   | hypothetical protein MGC4174  |        | AI291406 | 3.5 | 0.6  | 1.1  |
| 59619_at   |   |        | AW007238 | 3.5 | 0.1  | 0.5  |
| 49600_at   |   |        | AI936984 | 3.5 | 3.9  | 7    |
| 49485_at   | PR domain containing 4  | PRDM4  | W22625   | 3.5 | 1.7  | 7    |
| 72443_at   |   |        | R95898   | 3.5 | 3    | 2.3  |
| 76006_at   |   |        | AI953059 | 3.5 | 2.4  | 1.4  |
| 53659_r.at | DKFZP434D193 protein  |        | AA453704 | 3.5 | 5.1  | 1    |
| 73471_at   |   |        | AW009414 | 3.5 | 0.8  | 4.2  |

Figure 11NNNNN



|            |  |          |          |     |     |     |
|------------|--|----------|----------|-----|-----|-----|
| 49158_at   | myosin IXA                                       | MYO9A    | A1435029 | 3.5 | 3.6 | 5.2 |
| 52846_at   | hypothetical protein from BCRA2 region           |          | A1809961 | 3.5 | 1.7 | 2   |
| 78473_at   |  |          | AW051926 | 3.5 | 0.7 | 0.6 |
| 90038_at   | sin3-associated polypeptide, 18kD                | SAP18    | AW006624 | 3.5 | 5.8 | 5.5 |
| 42699_at   |  |          | AA490077 | 3.5 | 2.1 | 2.1 |
| 54195_at   |  |          | AA604910 | 3.5 | 2.1 | 2.9 |
| 87678_at   |  |          | A1270326 | 3.5 | 0.9 | 0   |
| 84420_r_at |  |          | A1580853 | 3.5 | 0.6 | 1.2 |
| 75923_at   |  |          | A1356228 | 3.5 | 1   | 0   |
| 68633_s_at | hypothetical protein                             |          | A1650829 | 3.5 | 0.9 | 0.3 |
| 49640_s_at | CGI-81 protein                                   |          | N21189   | 3.5 | 2.3 | 1.8 |
| 50284_at   | LIM and cysteine-rich domains 1                  | LMCD1    | AA156689 | 3.5 | 2.2 | 2.3 |
| 45711_at   | hypothetical protein FLJ20396                    |          | N37049   | 3.5 | 2.6 | 2.8 |
| 45347_at   |  |          | AA533633 | 3.5 | 1.8 | 3.6 |
| 63361_at   | spodin 2, extracellular matrix protein           | SPON2    | AA570505 | 3.5 | 3.2 | 3.2 |
| 61871_r_at | WW Domain-Containing Gene                        |          | A1963349 | 3.5 | 4.3 | 1.5 |
| 64543_at   |  |          | A1668557 | 3.5 | 2.4 | 7.9 |
| 87221_at   |  |          | AA829405 | 3.5 | 5.4 | 3.1 |
| 72183_f_at |  |          | A1587180 | 3.5 | 2.3 | 1.9 |
| 45206_at   | zinc finger protein 277                          | ZNF277   | AA102582 | 3.5 | 4   | 2.5 |
| 58622_at   |  |          | AA463374 | 3.5 | 5.3 | 6   |
| 62167_at   |  |          | A1866590 | 3.5 | 1.1 | 1.2 |
| 46608_r_at |  |          | A1885018 | 3.5 | 3.1 | 0   |
| 55933_r_at |  |          | A1732404 | 3.5 | 0.7 | 1.8 |
| 89908_f_at | GDP dissociation inhibitor 1                     | GDI1     | AW004027 | 3.5 | 5.2 | 1   |
| 87890_at   | folypolyglutamate synthase                       | FPGS     | A1745045 | 3.5 | 2.1 | 0   |
| 78749_g_at | heterogeneous nuclear ribonucleoprotein A2/B1    | HNRPA2B1 | A1963008 | 3.5 | 1.8 | 0   |
| 49709_at   | hypothetical protein FLJ10116                    |          | AA127924 | 3.5 | 5.1 | 0.4 |
| 42093_at   |  |          | AA398660 | 3.5 | 4.6 | 4.5 |
| 57452_at   |  |          | AA451798 | 3.5 | 2.8 | 4.7 |
| 58958_f_at |  |          | H05039   | 3.5 | 2.3 | 4.5 |
| 70323_f_at |  |          | A1743616 | 3.5 | 4.4 | 3.4 |
| 31432_g_at | Fc fragment of IgG, receptor, transporter, alpha | FCGRT    | U12255   | 3.5 | 2.3 | 3.5 |
| 31820_at   | hematopoietic cell-specific Lyn substrate 1      | HCLS1    | X16663   | 3.5 | 2.3 | 4.3 |

Figure 1100000

|            |   |         |          |     |     |     |  |  |  |
|------------|---|---------|----------|-----|-----|-----|--|--|--|
| 32051_at   | hypothetical protein MGC2840 similar to a putative glucosyltransferase      |         |          |     |     |     |  |  |  |
| 40504_at   | paraoxonase 2   | PON2    | AF001601 | 3.5 | 1.8 | 3.6 |  |  |  |
| 40872_at   | cytochrome c oxidase subunit VIb  | COX6B   | T57872   | 3.5 | 3.2 | 2.5 |  |  |  |
| 41139_at   | melanoma antigen, family D, 1   | MAGED1  | W26633   | 3.5 | 2.6 | 5.8 |  |  |  |
| 41224_at   | KIAA0788 protein  |         |          | 3.5 | 1.8 | 1.9 |  |  |  |
| 33399_at   | ribosomal protein S6  |         | AB018331 | 3.5 | 1.1 | 4.2 |  |  |  |
| 33907_at   | eukaryotic translation initiation factor 4 gamma, 3                         | RPS6    | AA142942 | 3.5 | 1.8 | 2.9 |  |  |  |
| 36647_at   | hypothetical protein FLJ10326   | EIF4G3  | AF012072 | 3.5 | 2.4 | 3.2 |  |  |  |
| 34400_at   | low molecular mass ubiquitinone-binding protein (9.5kD)                     |         | AA526812 | 3.5 | 1.7 | 3.8 |  |  |  |
| 35343_at   | glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) | GOT1    | A1540957 | 3.5 | 2.1 | 5.4 |  |  |  |
| 32510_at   | aldo-keto reductase family 7, member A2 (afatoxin aldehyde reductase)       | AKR7A2  | M37400   | 3.5 | 3.4 | 2.9 |  |  |  |
| 36136_at   | p53-induced protein   |         | AF026947 | 3.5 | 2.1 | 4.1 |  |  |  |
| 1427_g_at  | Src-like adapter  |         | AF010315 | 3.5 | 1.7 | 2.4 |  |  |  |
| 37346_at   | ADP-ribosylation factor 5   | SLA     | D89077   | 3.5 | 3.7 | 5.1 |  |  |  |
| 37900_at   | peroxisomal biogenesis factor 11B   | ARF5    | M57567   | 3.5 | 1.6 | 3.8 |  |  |  |
| 38780_at   | aldo-keto reductase family 1, member A1 (aldehyde reductase)                | PEX11B  | AF093670 | 3.5 | 2.2 | 2.9 |  |  |  |
| 39160_at   | pyruvate dehydrogenase (lipoamide) beta                                     | AKR1A1  | J04794   | 3.5 | 0.8 | 3.8 |  |  |  |
| 39172_at   |   | PDHB    | D90086   | 3.5 | 2   | 3.3 |  |  |  |
| 65033_at   |   |         | AL049319 | 3.5 | 2   | 3.3 |  |  |  |
| 59410_at   | hypothetical protein FLJ10688   |         | A052571  | 3.5 | 2.7 | 3.6 |  |  |  |
| 56238_at   | PDZ-LIM protein mystique  |         | AA192438 | 3.5 | 3.8 | 1.4 |  |  |  |
| 56248_at   |   |         | A1589776 | 3.5 | 3.4 | 3.5 |  |  |  |
| 63673_at   |   |         | A1885374 | 3.5 | 2   | 0.9 |  |  |  |
| 45518_at   | chromosome 22 open reading frame 4  |         | A1635057 | 3.5 | 1.3 | 4   |  |  |  |
| 47982_at   | aquaporin 3   | C22ORF4 | AW026098 | 3.5 | 1.8 | 3.1 |  |  |  |
| 43798_s_at |   | AQP3    | AA630981 | 3.5 | 3.4 | 3.1 |  |  |  |
| 49165_at   | hypothetical protein PR02013  |         | A1347938 | 3.5 | 2.1 | 4.3 |  |  |  |
| 60062_s_at | hypothetical protein FLJ13556 similar to N-myc downstream regulated 3       |         | AW024795 | 3.5 | 0.7 | 3.4 |  |  |  |
| 57132_at   | RNB6  |         | A1027140 | 3.5 | 2.9 | 3.7 |  |  |  |
| 43857_s_at |   |         | A1341482 | 3.5 | 3   | 3.3 |  |  |  |
| 72644_at   |   |         | AA570070 | 3.5 | 2.3 | 3.7 |  |  |  |
|            |   |         | AA938448 | 3.5 | 2.3 | 3.9 |  |  |  |

Figure 11PPPPP

|            |   |  |         |          |     |     |      |
|------------|---|--|---------|----------|-----|-----|------|
| 49326_at   | matrix Gla protein  |  | MGP     | AI140620 | 3.5 | 3.3 | 3.7  |
| 57461_at   |   |  |         | AI472111 | 3.5 | 3.2 | 3.4  |
| 82156_at   |   |  |         | AW044081 | 3.5 | 3.5 | 2.1  |
| 52973_at   | hypothetical protein FLJ10330   |  |         | AA683501 | 3.5 | 2.6 | 3.1  |
| 50162_at   |   |  |         | AA610838 | 3.5 | 2.5 | 0.7  |
| 43795_s_at | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV)          |  | NDUFAB8 | AW005361 | 3.5 | 2.6 | 4.1  |
| 45531_at   |   |  |         | AI970101 | 3.5 | 3.2 | 2.5  |
| 62462_at   | hypothetical protein dJ473B4  |  |         | AI433432 | 3.5 | 3   | 3.3  |
| 54547_at   | hypothetical protein DKFZp34G0522   |  |         | AA147848 | 3.5 | 2.2 | 3.5  |
| 52842_at   |   |  |         | AL110412 | 3.5 | 3.6 | 2.9  |
| 47057_at   |   |  |         | D20714   | 3.5 | 3.4 | 4    |
| 55446_at   |   |  |         | AI199032 | 3.5 | 3.3 | 3.4  |
| 55732_at   |   |  |         | AW004042 | 3.5 | 2.2 | 3.3  |
| 48354_at   |   |  |         | AI929033 | 3.4 | 2.6 | 5.2  |
| 34470_at   | transcription factor EC   |  | TFEC    | D43945   | 3.4 | 3.2 | 0    |
| 1313_at    | proteasome (prosome, macropain) subunit, beta type, 7                       |  | PSMB7   | D38048   | 3.4 | 4.6 | 0.5  |
| 37824_at   | KIAA1074 protein  |  |         | AB028997 | 3.4 | 1.2 | 1.4  |
| 1903_at    | RAP1B, member of RAS oncogene family  |  | RAP1B   | X08004   | 3.4 | 1   | 1.6  |
| 40148_at   | amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like) |  | APBB2   | U62325   | 3.4 | 0.1 | 7.2  |
| 40598_at   |   |  |         | W20138   | 3.4 | 2.4 | 0.5  |
| 35488_at   | small nuclear RNA activating complex, polypeptide 1, 43kD                   |  | SNAPC1  | U44754   | 3.4 | 0.8 | 13.9 |
| 41185_t_at | SMT3 (suppressor of mif two 3, yeast) homolog 2                             |  | SMT3H2  | AI917124 | 3.4 | 2.7 | 5.2  |
| 32259_at   | enhancer of zeste (Drosophila) homolog 1                                    |  | EZH1    | AB002386 | 3.4 | 3.4 | 3.5  |
| 32786_at   | Jun B proto-oncogene  |  | JUNB    | X51345   | 3.4 | 1.2 | 2.4  |
| 33779_at   | vesicle-associated membrane protein 1 (synaptobrevin 1)                     |  | VAMP1   | AF060538 | 3.4 | 0.1 | 5.4  |
| 32888_at   | leukocyte tyrosine kinase   |  | LYN     | X52213   | 3.4 | 1.2 | 2.9  |
| 34104_i_at |   |  |         | AI147237 | 3.4 | 0.9 | 6.7  |
| 39344_at   | transformer-2 alpha (htra-2 alpha)  |  |         | U53209   | 3.4 | 1.1 | 3.5  |
| 31690_at   | Glutamate dehydrogenase-2   |  |         | U08997   | 3.4 | 2.1 | 2.2  |
| 33835_at   | KIAA0721 protein  |  |         | AB018264 | 3.4 | 0.6 | 3.9  |
| 678_at     | alkaline phosphatase, placental (Regan isozyme)                             |  | ALPP    | J04948   | 3.4 | 1.1 | 6.9  |
| 37242_at   | hypothetical protein MGC5149  |  | MGC5149 | U79260   | 3.4 | 1.9 | 0    |
| 33510_s_at | glutamate receptor, metabotropic 1  |  | GRM1    | U31216   | 3.4 | 0.5 | 0.9  |

Figure 11QQQQQQ

|            |   |         |          |     |      |      |
|------------|---|---------|----------|-----|------|------|
| 39964_at   | retinitis pigmentosa 2 (X-linked recessive)                 | RP2     | AJ007590 | 3.4 | 2    | 4.2  |
| 34876_at   | carboxypeptidase D  | CPD     | U65090   | 3.4 | 1.7  | 0    |
| 35268_at   | hypothetical protein DKFZp586F1122 similar to axotrophin    |         | U050171  | 3.4 | 1.4  | 0    |
| 40289_at   | N-ethylmaleimide-sensitive factor attachment protein, gamma |         | U78107   | 3.4 | 1.5  | 6.2  |
| 36581_at   | glycyl-tRNA synthetase                                      | NAPG    | U09510   | 3.4 | 2.6  | 0    |
| 36921_at   | t-complex-associated-testis-expressed 1-like                | GARS    | U02556   | 3.4 | 2.9  | 2.5  |
| 201_s_at   | beta-2-microglobulin  | TCIE1L  | S82297   | 3.4 | 1.5  | 3.5  |
| 3717_at    | heterogeneous nuclear ribonucleoprotein M                   | B2M     | L03532   | 3.4 | 1.2  | 1    |
| 38033_at   | DKFZP564M1416 protein                                       | HNRPM   | AL049934 | 3.4 | 2    | 0    |
| 37956_at   | aldehyde dehydrogenase 8                                    | ALDH8   | U37519   | 3.4 | 0    | 2.1  |
| 38817_at   | sperm associated antigen 7                                  | SPAG7   | AF047437 | 3.4 | 4.6  | 1    |
| 37064_at   |   |         | U66048   | 3.4 | 2.8  | 14.8 |
| 48034_at   | eukaryotic translation initiation factor 2 alpha kinase 3   | EIF2AK3 | AA534710 | 3.4 | 2.6  | 5.1  |
| 80834_at   |   |         | AA010757 | 3.4 | 0.6  | 0.7  |
| 54885_at   | hypothetical protein  |         | A458882  | 3.4 | 1.4  | 0    |
| 42315_at   |   |         | AA470110 | 3.4 | 1    | 3.3  |
| 54751_at   | HSPC163 protein   |         | AA044747 | 3.4 | 1.6  | 0    |
| 42486_at   |   |         | AI004422 | 3.4 | 4.1  | 6.5  |
| 75653_at   |   |         | AI033495 | 3.4 | 2.8  | 1.5  |
| 76323_at   | sperm associated antigen 4                                  | SPAG4   | AI168233 | 3.4 | 1.9  | 0.4  |
| 73826_at   |   |         | AI971242 | 3.4 | 3.1  | 1.1  |
| 76905_at   |   |         | AI674760 | 3.4 | 0.7  | 4    |
| 90600_at   |   |         | AA491286 | 3.4 | 0.4  | 1.2  |
| 66819_at   |   |         | AA984073 | 3.4 | 1.6  | 6.5  |
| 59883_r_at |   |         | AI150628 | 3.4 | 2.4  | 4.6  |
| 42599_at   |   |         | T82459   | 3.4 | 2    | 1.2  |
| 78618_at   |   |         | AI889955 | 3.4 | 0.3  | 0.5  |
| 78742_at   |   |         | AI939581 | 3.4 | 1.2  | 6.4  |
| 58530_r_at |   |         | T66185   | 3.4 | 2.5  | 5.3  |
| 82592_at   |   |         | AI916523 | 3.4 | 3.4  | 1.1  |
| 83060_at   |   |         | AI335004 | 3.4 | 1.2  | 1.4  |
| 53934_at   |   |         | AI291699 | 3.4 | 1.5  | 4.4  |
| 54720_at   |   |         | AA493420 | 3.4 | 10.4 | 2    |
| 64506_at   | Zinc finger protein 143 (clone phZ.1)                       | ZNF143  | AA932870 | 3.4 | 1.7  | 0.7  |
| 45132_at   | hypothetical protein MDS025                                 |         | AI341661 | 3.4 | 2.5  | 0    |

Figure 11RRRRR

[illegible]

Figure 11SSSS

|            |   |        |  |          |     |     |     |
|------------|---|--------|--|----------|-----|-----|-----|
| 58564_s.at |   |        |  | N78066   | 3.4 | 3.2 | 3.5 |
| 63642_at   |   |        |  | A1458735 | 3.4 | 2.4 | 1.3 |
| 74323_at   | SUMO-1 activating enzyme subunit 2  |        |  | AA974493 | 3.4 | 3   | 3.4 |
| 47079_at   | mannosyl (alpha-1,3-)glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme B | MGAT4B |  | AL049000 | 3.4 | 1.2 | 3.8 |
| 53603_at   |   |        |  |          |     |     |     |
| 87481_at   | hypothetical protein FLJ10698   |        |  | D79487   | 3.4 | 1.1 | 3.4 |
| 57065_s.at | KIAA1096 protein  |        |  | A1951927 | 3.4 | 0   | 0.5 |
| 57219_at   | proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)                        | PSME1  |  | AA976741 | 3.4 | 1.5 | 2   |
|            |   |        |  | AA662670 | 3.4 | 4.3 | 0.8 |
| 38459_g.at | cytochrome b-5  | CYB5   |  | L39945   | 3.4 | 6.8 | 5.6 |
| 79504_at   | transmembrane protein 4   | TMEM4  |  | A1939329 | 3.4 | 4.4 | 2.5 |
| 42047_at   |   |        |  | AA279956 | 3.4 | 2.2 | 1   |
| 76209_at   | alpha thalassemia/mental retardation syndrome X-linked (RAD54 (S. cerevisiae) homolog)  | ATR    |  | AA806986 | 3.4 | 1.8 | 1.4 |
| 57313_r.at |   |        |  |          |     |     |     |
| 43806_at   | CCAAT/enhancer binding protein (C/EBP), beta  | CEBPB  |  | A1698684 | 3.4 | 4.7 | 5.3 |
| 57447_at   |   |        |  | AW025406 | 3.4 | 2.4 | 0   |
| 49837_at   |   |        |  | A1830502 | 3.4 | 2.3 | 0.9 |
| 45751_g.at |   |        |  | A1209180 | 3.4 | 2   | 7.3 |
| 66659_at   |   |        |  | AA528592 | 3.4 | 0.8 | 0   |
| 72954_at   |   |        |  | W03586   | 3.4 | 2.7 | 2.6 |
| 38628_at   | GCN5 (general control of amino-acid synthesis, yeast, homolog) like 2                   | GCN5L2 |  | AA883059 | 3.4 | 0.7 | 0.8 |
|            |   |        |  | AF029777 | 3.4 | 2.5 | 0.2 |
| 38700_at   | cysteine and glycine-rich protein 1   | CSRPI  |  | M33146   | 3.4 | 3.1 | 4.4 |
| 39729_at   | peroxiredoxin 2   | PRDX2  |  | L19185   | 3.4 | 2.5 | 3.3 |
| 39760_at   | homolog of mouse quaking QKI (KH domain RNA binding protein)                            |        |  | AL031781 | 3.4 | 1.4 | 4   |
| 40244_s.at | hypothetical protein FLJ11585   |        |  | A1743654 | 3.4 | 2.6 | 3.5 |
| 40278_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2 |        |  | AB029003 | 3.4 | 2.3 | 2.1 |
| 40778_at   | hydroxacyl-Coenzyme A dehydrogenase, type II  | HADH2  |  | AF035555 | 3.4 | 1.6 | 3   |
| 34685_at   | RecQ protein-like (DNA helicase Q1-like)  | RECQL  |  | A1685944 | 3.4 | 2.4 | 2.1 |
| 41314_at   | citrate synthase  | CS     |  | AF047042 | 3.4 | 2.1 | 4.2 |
| 35193_at   | chromosome condensation 1-like  | CHC1L  |  | AF060219 | 3.4 | 2.9 | 2.2 |
| 37650_at   | makorin, ring finger protein, 1   | MKRN1  |  | U41315   | 3.4 | 1   | 4.4 |

Figure 11TTTT

|            |  |         |  |          |     |     |     |
|------------|--|---------|--|----------|-----|-----|-----|
| 35289_at   | rab6 GTPase activating protein (GAP and centrosome-associated)                   |         |  | AJ011679 | 3.4 | 2.4 | 3.2 |
| 35159_at   | tubulin-specific chaperone e   | TBC1    |  | U61232   | 3.4 | 1.9 | 3.1 |
| 34381_at   | cytochrome c oxidase subunit VIc   | COX7C   |  | A1708889 | 3.4 | 1.6 | 5.4 |
| 1924_at    | cyclin H   | CCNH    |  | U11791   | 3.4 | 2.3 | 3.2 |
| 36945_at   | endoplasmic reticulum luminal protein  |         |  | X94910   | 3.4 | 0.9 | 3   |
| 37672_at   | ubiquitin specific protease 7 (herpes virus-associated)                          | USP7    |  | Z72499   | 3.4 | 0.6 | 3.9 |
| 37264_at   | zinc finger protein 131 (clone pHZ 10)   | ZNF131  |  | U09410   | 3.4 | 2.5 | 3   |
| 32610_at   | LIM domain protein   |         |  | X93510   | 3.4 | 2.4 | 3.4 |
| 33121_g_at | regulator of G-protein signalling 10   | RGS10   |  | AF045229 | 3.4 | 1.5 | 4   |
| 138_at     | mitogen-activated protein kinase kinase kinase 1                                 | MAP4K1  |  | U66464   | 3.4 | 3.7 | 2.8 |
| 40745_at   | adaptor-related protein complex 1, beta 1 subunit                                | AP1B1   |  | L13939   | 3.4 | 2.7 | 3.2 |
| 41038_at   | neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2) | NCF2    |  | M32011   | 3.4 | 1.4 | 3.1 |
| 58498_at   | KIAA1378 protein   |         |  | A1082236 | 3.4 | 2.5 | 3.4 |
| 80436_at   |  |         |  | A1935644 | 3.4 | 3.3 | 4   |
| 44713_at   | HSPC009 protein  |         |  | U18006   | 3.4 | 1.9 | 4   |
| 45577_s_at |  |         |  | A1471038 | 3.4 | 4.9 | 5   |
| 45276_g_at | protein x 0001   |         |  | W30943   | 3.4 | 3   | 4.9 |
| 43382_s_at | C-terminal binding protein 1   | CTBP1   |  | A1991853 | 3.4 | 2.5 | 3.8 |
| 165724_at  | KIAA1423 protein   |         |  | A1684729 | 3.4 | 3.5 | 3.6 |
| 57156_at   | HSPC023 protein  |         |  | W92964   | 3.4 | 3.2 | 4.9 |
| 51173_at   | purinergic receptor P2X, ligand-gated ion channel, 4                             | P2RX4   |  | A1872092 | 3.4 | 2.9 | 3.4 |
| 46261_at   | hypothetical protein FLJ10283  |         |  | AL045512 | 3.4 | 1.7 | 2.2 |
| 45543_r_at | mitochondrial import receptor Tom22  |         |  | A1359916 | 3.4 | 3.4 | 2.8 |
| 44842_at   | COP9 complex subunit 7a  |         |  | A1971871 | 3.4 | 2.9 | 4.8 |
| 46871_r_at |  |         |  | W32096   | 3.4 | 3.1 | 2.9 |
| 47101_g_at | hypothetical protein   |         |  | A1972460 | 3.4 | 2.6 | 3.4 |
| 64436_at   | arginyl aminopeptidase (aminopeptidase B)-like 1                                 | RNPEPL1 |  | A1926755 | 3.4 | 2   | 3   |
| 54483_at   |  |         |  | AA760777 | 3.4 | 3.4 | 3.4 |
| 62559_at   | hypothetical protein FLJ11230  |         |  | W31010   | 3.4 | 1.6 | 3.3 |
| 44828_s_at | ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, alpha 1 polypeptide        | ATP1A1  |  | A1610470 | 3.4 | 2.6 | 3.7 |
| 47082_at   | NAG-5 protein  |         |  | AW003127 | 3.4 | 2.7 | 3.6 |
| 54507_at   |  |         |  | AA912049 | 3.4 | 1.9 | 2.8 |
| 32464_at   | defensin, beta 2   | DEFB2   |  | AF071216 | 3.3 | 0.9 | 1.4 |
| 35074_at   | jerky (mouse) homolog-like   | JRKL    |  | AF004715 | 3.3 | 0   | 3.6 |

Figure 11UUUUU

|            |  |          |          |     |     |     |
|------------|--|----------|----------|-----|-----|-----|
| 41438_at   | KIAA1451 protein   |          | AL049923 | 3.3 | 4.6 | 0.4 |
| 41625_at   | thyroid hormone receptor-associated protein, 240 kDa subunit                           |          | AB011165 | 3.3 | 1.9 | 6   |
| 37819_at   | hypothetical protein   |          | AF007130 | 3.3 | 0   | 0   |
| 39770_at   | KIAA0250 gene product  |          | D87437   | 3.3 | 1.6 | 0.2 |
| 40069_at   | supervillin  | SVIL     | AF051850 | 3.3 | 0   | 1   |
| 1420_s_at  | eukaryotic translation initiation factor 4A, isoform 2                                 | EIF4A2   | D30655   | 3.3 | 2.4 | 4.8 |
| 2069_s_at  | catenin (cadherin-associated protein), alpha 1 (102kD)                                 | CTNNA1   | L23805   | 3.3 | 1.4 | 0.2 |
| 2031_s_at  | cyclin-dependent kinase inhibitor 1A (p21, Cip1)                                       | CDKN1A   | U03106   | 3.3 | 1.6 | 1.5 |
| 32773_at   | major histocompatibility complex, class II, DQ alpha 1                                 | HLA-DQA1 | AA868382 | 3.3 | 1.2 | 1.3 |
| 40446_at   | PHD finger protein 1   | PHF1     | AL021366 | 3.3 | 2.8 | 3.3 |
| 34221_at   | KIAA0194 protein   |          | D83778   | 3.3 | 2.6 | 1.3 |
| 34678_at   | fer-1 (C.elegans)-like 3 (myoferlin)   | FER1L3   | AL096713 | 3.3 | 8.2 | 3.4 |
| 33829_at   | leptin receptor gene-related protein   |          | Y12670   | 3.3 | 1.6 | 1.5 |
| 34755_at   | ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 2                     | ADPRTL2  | AJ236876 | 3.3 | 2.2 | 2.4 |
| 32202_at   | HBV associated factor  |          | U67322   | 3.3 | 5   | 2.8 |
| 33285_i.at |  |          | W26762   | 3.3 | 6.9 | 0   |
| 41523_at   | RAB32, member RAS oncogene family  | RAB32    | U59878   | 3.3 | 0.2 | 0   |
| 35651_at   | mitogen-activated protein kinase kinase kinase 4                                       | MAP3K4   | AF002715 | 3.3 | 1.9 | 0.2 |
| 40018_at   | KIAA0410 gene product  |          | AB007870 | 3.3 | 1.9 | 0   |
| 35296_at   | geranylgeranyl diphosphate synthase 1  | GGPS1    | AB019036 | 3.3 | 1.5 | 1.1 |
| 35943_s.at | GA-binding protein transcription factor, beta subunit 1 (53kD)                         | GABPB1   | D13317   | 3.3 | 2.5 | 1.1 |
| 38037_at   | diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) | DTR      | M60278   | 3.3 | 4.4 | 1.3 |
| 38051_at   | mal, T-cell differentiation protein  | MAL      | X76220   | 3.3 | 0.8 | 5.4 |
| 38354_at   | CCAAT/enhancer binding protein (C/EBP), beta   | CEBPB    | X52560   | 3.3 | 3   | 0.4 |
| 55376_at   | MIL1 protein   |          | N66625   | 3.3 | 2.3 | 4.2 |
| 61487_at   |  |          | AA504346 | 3.3 | 2.2 | 4.9 |
| 60070_f.at | H1 histone family, member X  | H1FX     | AW015141 | 3.3 | 1.1 | 2.3 |
| 50757_at   |  |          | AA418074 | 3.3 | 1.3 | 4.5 |
| 80698_at   |  |          | AI051390 | 3.3 | 0   | 0   |
| 76039_at   |  |          | W87283   | 3.3 | 0   | 2.3 |
| 47427_at   | hypothetical protein FLJ20539  |          | AI276023 | 3.3 | 1.5 | 0   |
| 66523_at   |  |          | AA829524 | 3.3 | 3   | 4.4 |
| 81813_at   |  |          | AI732902 | 3.3 | 0   | 0   |

Figure 11VVVVV



|            |   |        |          |     |     |      |
|------------|---|--------|----------|-----|-----|------|
| 56764_at   |   |        | AA972129 | 3.3 | 1.5 | 3.5  |
| 52198_at   | KIAA0853 protein  |        | AA528666 | 3.3 | 0   | 2.1  |
| 53330_at   |   |        | AI222203 | 3.3 | 0.8 | 4.1  |
| 53868_at   |   |        | AA648374 | 3.3 | 0.2 | 5.8  |
| 77275_at   |   |        | AI693524 | 3.3 | 0.5 | 0    |
| 59299_at   |   |        | H98190   | 3.3 | 3.3 | 7    |
| 83859_at   |   |        | AI823793 | 3.3 | 0.2 | 2.8  |
| 83693_l_at |   |        | AI377276 | 3.3 | 1.9 | 2.3  |
| 84163_at   |   |        | AI802667 | 3.3 | 0.8 | 1    |
| 84089_at   |   |        | AI658932 | 3.3 | 1.5 | 1.4  |
| 84762_at   |   |        | AA526232 | 3.3 | 2.2 | 0.6  |
| 56066_at   |   |        | AA923551 | 3.3 | 2.8 | 4.4  |
| 47936_at   |   |        | AA234688 | 3.3 | 0.6 | 2    |
| 75102_at   | interferon gamma receptor 2 (interferon gamma transducer 1) | IFNGR2 | AI826621 | 3.3 | 0.4 | 2.2  |
| 86090_at   |   |        | T69814   | 3.3 | 1.9 | 7    |
| 42690_at   |   |        | AA034063 | 3.3 | 2.3 | 4.9  |
| 53774_at   |   |        | AA174079 | 3.3 | 1.9 | 11.8 |
| 56232_at   | CGI-58 protein  |        | AA001263 | 3.3 | 2   | 0.4  |
| 59585_at   |   |        | AA412065 | 3.3 | 2.7 | 1.8  |
| 70319_at   |   |        | AI766604 | 3.3 | 5.3 | 0    |
| 70825_at   |   |        | AI301513 | 3.3 | 0.1 | 1.8  |
| 42996_at   |   |        | AI492230 | 3.3 | 1.1 | 1    |
| 72563_at   |   |        | AI123967 | 3.3 | 0.1 | 4.1  |
| 43032_at   | tropomodulin 3 (ubiquitous)                                 | TMOD3  | AI373630 | 3.3 | 3   | 0    |
| 33435_r_at | Golgi vesicular membrane trafficking protein p18            |        | AI525962 | 3.3 | 3.4 | 2.6  |
| 85525_at   |   |        | AI092890 | 3.3 | 2.8 | 3.4  |
| 45434_at   |   |        | H05785   | 3.3 | 1.2 | 4.7  |
| 50323_g_at | hypothetical protein FLJ10143                               |        | AI656132 | 3.3 | 4.6 | 0.2  |
| 83263_r_at |   |        | H69779   | 3.3 | 1.3 | 1.2  |
| 80194_at   |   |        | AI859280 | 3.3 | 3.4 | 1.3  |
| 48527_at   |   |        | AI394438 | 3.3 | 0   | 0    |
| 65553_at   | CGI-19 protein  |        | W07150   | 3.3 | 0.6 | 5.2  |
| 47004_at   | CGI-113 protein   |        | AI634944 | 3.3 | 1.9 | 1.3  |
| 76007_at   |   |        | AA782992 | 3.3 | 3.8 | 3.6  |
| 64083_at   |   |        | AI044092 | 3.3 | 1   | 0    |

Figure 11 WWWWW

|            |   |  |        |          |     |     |      |
|------------|---|--|--------|----------|-----|-----|------|
| 69376_at   |   |  |        | AI655430 | 3.3 | 1.5 | 3.8  |
| 47902_at   |   |  |        | W74622   | 3.3 | 1.6 | 1.1  |
| 62466_at   | lymphoid blast crisis oncogene  |  | LBC    | AI797853 | 3.3 | 2.7 | 0.8  |
| 53334_at   |   |  |        | H12612   | 3.3 | 1.1 | 6.9  |
| 49581_g_at |   |  |        | AA779208 | 3.3 | 2.1 | 2.4  |
| 44421_s_at |   |  |        | D59337   | 3.3 | 0.8 | 1.4  |
| 51254_at   |   |  |        | AI090139 | 3.3 | 3.6 | 4.9  |
| 60138_at   |   |  |        | AI823497 | 3.3 | 1.1 | 5.1  |
| 52575_at   |   |  |        | H66727   | 3.3 | 3   | 3.6  |
| 63980_at   | hypothetical protein FLJ10618   |  |        | H46637   | 3.3 | 2.9 | 0    |
| 52083_at   |   |  |        | AL040341 | 3.3 | 2.8 | 0    |
| 46126_at   |   |  |        | AI498592 | 3.3 | 0   | 0.8  |
| 63457_f_at |   |  |        | AA022988 | 3.3 | 2.2 | 4.7  |
| 64909_at   | hypothetical protein DKFZp762B226   |  |        | AI341683 | 3.3 | 3.6 | 1.3  |
| 58630_at   |   |  |        | AA187854 | 3.3 | 1.7 | 0    |
| 54900_at   | f-box and leucine-rich repeat protein 3A  |  | FBXL3A | AI983021 | 3.3 | 1.5 | 2.1  |
| 64266_at   | stromal antigen 2   |  | STAG2  | AA476504 | 3.3 | 1.2 | 1.6  |
| 72376_r_at | cathepsin K (pseudosclerosis)   |  | CTSK   | AI282317 | 3.3 | 0.9 | 0.8  |
| 46052_at   |   |  |        | AA250767 | 3.3 | 4.2 | 6.5  |
| 47155_at   |   |  |        | AI300571 | 3.3 | 2.2 | 0.5  |
| 48896_at   | carboxypeptidase A3   |  |        | AI082244 | 3.3 | 3.6 | 14.2 |
| 56710_at   |   |  |        | AI762244 | 3.3 | 1.4 | 2.3  |
| 74710_s_at | epithelial membrane protein 3   |  | EMP3   | AW005790 | 3.3 | 2.4 | 3.9  |
| 34477_at   | ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome              |  | UTY    | AF000994 | 3.3 | 1.9 | 2.8  |
| 40414_at   | valyl-tRNA synthetase 2   |  | VAR2   | X59303   | 3.3 | 2.8 | 3.1  |
| 40764_at   | glutamic oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) |  | GOT2   | M22632   | 3.3 | 2.4 | 3.9  |
| 250_at     | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3         |  | NFATC3 | L41067   | 3.3 | 3.2 | 3.3  |
| 1287_at    | ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)                       |  | ADPRT  | J03473   | 3.3 | 2.1 | 3    |
| 32455_s_at | proline and glutamic acid rich nuclear protein                                    |  |        | U88153   | 3.3 | 2.6 | 3.2  |
| 33340_at   | KIAA0438 gene product   |  |        | AB007898 | 3.3 | 1.3 | 4.1  |
| 36417_s_at | acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)   |  | ACAA1  | AF035295 | 3.3 | 0.8 | 3.9  |

Figure 11XXXXXX

|            |  |        |          |     |     |     |
|------------|--|--------|----------|-----|-----|-----|
| 36093_at   | KIAA0614 protein   |        | AB014514 | 3.3 | 3.1 | 3.3 |
| 34842_at   | small nuclear ribonucleoprotein polypeptide N  | SNRPN  | U41303   | 3.3 | 2   | 3.1 |
| 35323_at   | eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD)   | EIF3S9 | U78525   | 3.3 | 1.9 | 3.4 |
| 36637_at   | annexin A11  | ANXA11 | L19605   | 3.3 | 1.7 | 4.2 |
| 32588_s_at | butyrate response factor 2 (EGF-response factor 2)   | BRF2   | X78992   | 3.3 | 2.4 | 3.1 |
| 479_at     | disabled (Drosophila) homolog 2 (mitogen-responsive phosphoprotein)  | DAB2   | U53446   | 3.3 | 3   | 3.4 |
| 38417_at   | adenosine monophosphate deaminase 2 (isoform L)  | AMPD2  | M91029   | 3.3 | 3   | 2.9 |
| 38481_at   | replication protein A1 (70kD)  | RPA1   | M63488   | 3.3 | 2.3 | 3   |
| 37931_at   | centromere protein B (80kD)  | CENPB  | X05299   | 3.3 | 3.3 | 3   |
| 48713_g_at | hypothetical protein FLJ11200  |        | T84485   | 3.3 | 2.7 | 3.5 |
| 75610_at   |  |        | AI078187 | 3.3 | 2   | 2.6 |
| 90610_at   | leucine-rich neuronal protein  | LRN    | AI654857 | 3.3 | 2.5 | 4.3 |
| 75337_s_at | hypothetical protein FLJ20450  |        | AA593768 | 3.3 | 3   | 3.1 |
| 48781_s_at |  |        | AI992128 | 3.3 | 2   | 2.5 |
| 56265_at   |  |        | AI090386 | 3.3 | 2.4 | 1.8 |
| 66112_at   | translocase of inner mitochondrial membrane 17 (yeast) homolog A   |        | AA234191 | 3.3 | 1.4 | 4.5 |
| 49463_at   | suppressor of fused  |        | AI760042 | 3.3 | 3.1 | 3   |
| 56293_at   |  |        | AA150502 | 3.3 | 1.5 | 3.1 |
| 44047_at   | hypothetical protein FLJ20160  |        | AA133311 | 3.3 | 3.3 | 3.5 |
| 45562_f_at |  |        | AA913312 | 3.3 | 2   | 3.2 |
| 52381_s_at | uncharacterized hypothalamus protein HCDASE  |        | R69311   | 3.3 | 1.9 | 2.5 |
| 45712_at   | SUMO-1 activating enzyme subunit 1   |        | H98166   | 3.3 | 2.6 | 4.7 |
| 52932_at   | kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody 1A4)) | KAI1   | W51778   | 3.3 | 2.9 | 2.6 |
| 50077_at   |  |        | AA479016 | 3.3 | 3.1 | 3.1 |
| 43984_at   |  |        | H15571   | 3.3 | 1.3 | 3.1 |
| 85701_at   |  |        | AI141764 | 3.3 | 3   | 1.6 |
| 44004_at   |  |        | AA740928 | 3.3 | 2.1 | 3.1 |
| 45339_at   | CGI-39 protein; cell death-regulatory protein GRIM19   |        | AA181145 | 3.3 | 3.7 | 4.4 |
| 57100_at   | prolactin regulatory element binding   | PREB   | AI924136 | 3.3 | 1.3 | 3.1 |
| 61645_g_at | hypothetical protein FLJ21794  |        | AL046381 | 3.3 | 1.3 | 3.3 |
| 53212_at   |  |        | R55295   | 3.3 | 3.3 | 2.6 |

Figure 11YYYYY

|            |  |         |          |     |     |      |
|------------|--|---------|----------|-----|-----|------|
| 44558_at   | potassium voltage-gated channel, Isk-related family, member 3                                | KCNF3   | A1148745 | 3.3 | 2.9 | 2.9  |
| 45795_at   |  |         | A1672040 | 3.3 | 2.1 | 3.2  |
| 50071_at   |  |         | A1042592 | 3.3 | 3.1 | 4.4  |
| 53940_at   |  |         | A1953658 | 3.3 | 3.1 | 3.4  |
| 64502_s_at | hypothetical protein FLJ20859  |         | AW006969 | 3.3 | 1.5 | 3.7  |
| 46220_at   | peroxisomal short-chain alcohol dehydrogenase  |         | A1131178 | 3.3 | 3   | 3.7  |
| 65942_at   | ubiquitin-like 4   | UBL4    | AW043826 | 3.3 | 2.3 | 3    |
| 90001_s_at | casein kinase 1, epsilon   |         | CSNK1E   | 3.3 | 2.8 | 2.9  |
| 51116_g_at | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 1 (GalNAc-T1) | GALNT1  | AW021000 | 3.3 | 2.5 | 2.5  |
| 46307_at   | endomembrane protein emp70 precursor isolog  |         | N24239   | 3.3 | 2.4 | 1.8  |
| 223_at     | ubiquitin-conjugating enzyme E2L3  | UBE2L3  | S81003   | 3.2 | 1.6 | 1.1  |
| 39004_at   | hypothetical protein FLJ22512  |         | A1432190 | 3.2 | 0.2 | 0    |
| 37441_at   | lipoyltransferase  |         | AB017566 | 3.2 | 0.1 | 3    |
| 39860_at   | far upstream element (FUSE) binding protein 1  | FUBP1   | U05040   | 3.2 | 3.4 | 0    |
| 31826_at   | KIAA0674 protein   |         | AB014574 | 3.2 | 2.4 | 2.4  |
| 31389_at   | oxidative stress induced like  | OSIL    | U46752   | 3.2 | 2.2 | 1    |
| 40790_at   | basic helix-loop-helix domain containing, class B, 2   | BHLHB2  | AB004066 | 3.2 | 1.5 | 0.3  |
| 1367_f_at  | ubiquitin C  | UBC     | M26880   | 3.2 | 2.2 | 6    |
| 35868_at   | advanced glycosylation end product-specific receptor   | AGER    | M91211   | 3.2 | 1   | 16.7 |
| 2082_s_at  | cadherin 1, type 1, E-cadherin (epithelial)  | CDH1    | L08599   | 3.2 | 2.9 | 5.3  |
| 32859_at   | signal transducer and activator of transcription 1, 91kD                                     | STAT1   | M97935   | 3.2 | 1.8 | 8.2  |
| 39227_at   | protein tyrosine phosphatase, receptor type, T   | PTPRT   | AB006621 | 3.2 | 1.8 | 2.9  |
| 31673_s_at | cell matrix adhesion regulator   | CMAR    | X65784   | 3.2 | 2.7 | 0    |
| 33935_at   | calyculin binding protein  |         | AL035305 | 3.2 | 1.7 | 2.3  |
| 32249_at   | H factor (complement)-like 1   | HFL1    | M65292   | 3.2 | 0.9 | 0.9  |
| 34396_at   | KIAA0978 protein   |         | AB023195 | 3.2 | 2   | 3    |
| 36706_at   | serine/threonine kinase 9  | STK9    | Y15057   | 3.2 | 1.3 | 3.6  |
| 35262_at   | integrin beta 4 binding protein  | ITGB4BP | AF022229 | 3.2 | 1.2 | 0.3  |
| 41789_r_at | KIAA0669 gene product  |         | AB014569 | 3.2 | 3.6 | 2.8  |
| 32665_at   | protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform                      | PPM1B   | AJ005801 | 3.2 | 0.4 | 1.3  |
| 40034_r_at | acetyl LDL receptor; SREC=scavenger receptor expressed by endothelial cells                  |         | D86864   | 3.2 | 0.8 | 0    |
| 35747_at   | stromal cell derived factor receptor 1   |         | AF035287 | 3.2 | 1.9 | 2.1  |

Figure 11ZZZZZ.

|            |   |        |          |     |     |     |
|------------|---|--------|----------|-----|-----|-----|
| 1183_at    | small inducible cytokine subfamily A (Cys-Cys), member 17 | SCYA17 | D43767   | 3.2 | 5.8 | 1.7 |
| 1992_at    | fragile histidine triad gene                              | FHIT   | U46922   | 3.2 | 0.6 | 1.2 |
| 37537_at   | ADP-ribosylation factor domain protein 1, 64kD            | ARFD1  | L04510   | 3.2 | 1.9 | 1.1 |
| 33297_at   | nuclear transcription factor Y, alpha                     | NFYA   | AL031778 | 3.2 | 1.8 | 1.4 |
| 38091_at   | lectin, galactoside-binding, soluble, 9 (galectin 9)      | LGALS9 | Z49107   | 3.2 | 7.7 | 6.7 |
| 38466_at   | cathepsin K (pseudodysostosis)                            | CTSK   | X82153   | 3.2 | 0   | 6.2 |
| 38822_at   | serine/threonine kinase 17a (apoptosis-inducing)          | STK17A | AB011420 | 3.2 | 1   | 3.2 |
| 39174_at   | nuclear receptor coactivator 4                            | NCOA4  | X77548   | 3.2 | 0.2 | 4.1 |
| 58033_at   |   |        | A1934556 | 3.2 | 0.4 | 3.4 |
| 58435_at   | lipopolysaccharide specific response-68 protein           |        | AA524064 | 3.2 | 3.1 | 1.7 |
| 56199_at   | hypothetical protein FLJ20445                             |        | A1346493 | 3.2 | 2   | 3.2 |
| 57737_at   |   |        | A150441  | 3.2 | 5.1 | 3.4 |
| 63340_at   | hypothetical protein FLJ20417                             |        | N99181   | 3.2 | 1.2 | 1.3 |
| 57784_s_at |   |        | A1525683 | 3.2 | 2   | 1.4 |
| 54955_at   |   |        | AA699653 | 3.2 | 1.8 | 5.6 |
| 56495_at   |   |        | A1301060 | 3.2 | 1.1 | 1.4 |
| 75721_at   |   |        | A1001809 | 3.2 | 0.5 | 2.3 |
| 66312_at   |   |        | H54203   | 3.2 | 2.9 | 5   |
| 88653_at   | hBKLF for basic kruppel like factor                       |        | A1799087 | 3.2 | 2.4 | 0.5 |
| 76997_at   |   |        | A1733141 | 3.2 | 4.4 | 1.6 |
| 66685_at   |   |        | AA862450 | 3.2 | 2.2 | 4.2 |
| 76513_at   |   |        | AL079769 | 3.2 | 3.6 | 0   |
| 77757_f at |   |        | AA806526 | 3.2 | 2.3 | 8.2 |
| 61771_at   |   |        | AA886300 | 3.2 | 0.3 | 3.9 |
| 77045_at   |   |        | AA434579 | 3.2 | 0.7 | 1.6 |
| 52795_r at |   |        | AA421929 | 3.2 | 1.2 | 2.6 |
| 62084_at   |   |        | A1209116 | 3.2 | 0.8 | 5.8 |
| 54624_at   |   |        | A1700571 | 3.2 | 3.9 | 2.3 |
| 54628_at   |   |        | A1305286 | 3.2 | 3.4 | 5.8 |
| 66005_s at | hypothetical protein HDCMC04P                             |        | A1352449 | 3.2 | 0   | 1.6 |
| 81197_at   |   |        | A1917726 | 3.2 | 3.1 | 0.5 |
| 63185_at   |   |        | A1351861 | 3.2 | 2.5 | 1.9 |
| 83769_at   |   |        | A1633758 | 3.2 | 1   | 0.9 |
| 84320_at   |   |        | AA602573 | 3.2 | 3.5 | 4.8 |
| 62263_at   |   |        | R97050   | 3.2 | 1.5 | 2.4 |

Figure 11A A A A A A A A A

|            |  |  |          |     |     |     |
|------------|--|--|----------|-----|-----|-----|
| 35091_at   |  |  | AA634479 | 3.2 | 1.6 | 0.8 |
| 47667_at   |  |  | H92507   | 3.2 | 2.6 | 3.4 |
| 85174_r_at |  |  | AI394150 | 3.2 | 4.5 | 8.9 |
| 84825_at   |  |  | AI927605 | 3.2 | 2.2 | 0   |
| 84187_s_at |  |  | AI952956 | 3.2 | 0.8 | 0.1 |
| 63106_at   |  | KIAA0729 protein   | AA521504 | 3.2 | 0.1 | 1   |
| 79344_at   |  |  | AI652996 | 3.2 | 1.3 | 2.6 |
| 68707_at   |  |  | AA806200 | 3.2 | 2.9 | 2.3 |
| 63884_at   |  | zinc finger protein 265  | AL047537 | 3.2 | 2.4 | 1.6 |
| 59594_r_at |  |  | AI632101 | 3.2 | 1.6 | 0   |
| 69821_at   |  |  | AI684748 | 3.2 | 1.7 | 0.7 |
| 44153_at   |  | hypothetical protein LOC56755  | AI417549 | 3.2 | 1.8 | 1.2 |
| 71519_at   |  |  | AA910175 | 3.2 | 1.1 | 0   |
| 1957_s_at  |  | transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kD) | AF054598 | 3.2 | 1.8 | 0.3 |
| 72313_at   |  |  | AI041279 | 3.2 | 2   | 7.5 |
| 72703_at   |  |  | AA010008 | 3.2 | 1.3 | 0.4 |
| 47011_at   |  | G-substrate  | AI288733 | 3.2 | 1.6 | 1.3 |
| 89838_at   |  |  | AA806001 | 3.2 | 0.1 | 1.5 |
| 49168_at   |  |  | AA151917 | 3.2 | 2.2 | 4.4 |
| 61697_at   |  | ankyrin repeat, family A (RFXANK-like), 2  | AI829903 | 3.2 | 0   | 0   |
| 57337_s_at |  | hypothetical protein FLJ12389 similar to acetoacetyl-CoA synthetase                        | AA640793 | 3.2 | 0.4 | 0.1 |
| 65562_at   |  | twisted gastrulation   | AA195009 | 3.2 | 3.8 | 0   |
| 60473_at   |  |  | AA232718 | 3.2 | 2.4 | 1.2 |
| 50081_at   |  |  | AI765698 | 3.2 | 4.6 | 3.4 |
| 85965_at   |  | two-pore channel 1, homolog  | AA324765 | 3.2 | 2.8 | 0.3 |
| 56228_r_at |  |  | N54910   | 3.2 | 2.1 | 5.6 |
| 42675_at   |  |  | AA180358 | 3.2 | 2.7 | 1.8 |
| 79804_at   |  |  | AA938414 | 3.2 | 1.1 | 0.8 |
| 86993_at   |  |  | AI740499 | 3.2 | 0.3 | 1.8 |
| 64628_at   |  |  | AI417686 | 3.2 | 2.1 | 1.9 |
| 54439_at   |  | hypothetical protein FLJ12387 similar to kinesin light chain                               | AI144421 | 3.2 | 0.7 | 2.8 |
| 44586_at   |  |  | H25669   | 3.2 | 2.3 | 3.1 |
| 43004_at   |  |  | H29258   | 3.2 | 2.1 | 4.2 |

Figure 11BBBBBB

|            |   |  |          |          |     |     |     |
|------------|---|--|----------|----------|-----|-----|-----|
| 84521_at   |   |  |          | AI400203 | 3.2 | 1.9 | 0.7 |
| 72281_at   |   |  |          | AA426194 | 3.2 | 2.7 | 1.9 |
| 58980_at   | zinc finger protein 155 (pH2.96)                            |  | ZNF155   | AA324611 | 3.2 | 1   | 1.5 |
| 53402_at   |   |  |          | N54407   | 3.2 | 1.2 | 3.2 |
| 44453_at   |   |  |          | H51694   | 3.2 | 1.4 | 2.7 |
| 51995_at   | cysteine knot superfamily 1, BMP antagonist 1               |  | CKTSF1B1 | AA912445 | 3.2 | 0   | 0.6 |
| 53156_at   |   |  |          | D80679   | 3.2 | 1.1 | 4.8 |
| 60607_at   |   |  |          | N26011   | 3.2 | 0   | 2.8 |
| 53197_g.at | suppression of tumorigenicity 16 (melanoma differentiation) |  | ST16     | AI084226 | 3.2 | 2.6 | 4.1 |
| 60647_at   |   |  |          | W88422   | 3.2 | 1.2 | 1.6 |
| 43545_at   | zinc finger protein 281                                     |  | ZNF281   | AI796083 | 3.2 | 1.8 | 3.1 |
| 55811_at   |   |  |          | AA074601 | 3.2 | 2.2 | 0.7 |
| 46221_l.at | MEK partner 1   |  |          | AA056667 | 3.2 | 1.9 | 1.5 |
| 46583_at   |   |  |          | AI640524 | 3.2 | 0.6 | 0.3 |
| 46227_at   | HSPC142 protein   |  |          | AA186623 | 3.2 | 1.7 | 0.5 |
| 46652_at   |   |  |          | AA524036 | 3.2 | 1   | 0.8 |
| 55619_at   |   |  |          | AI859233 | 3.2 | 0.4 | 1.5 |
| 75885_at   | bromodomain-containing 2                                    |  | BRD2     | AI343297 | 3.2 | 2.8 | 0   |
| 76844_at   | hypothetical protein FLJ20608                               |  |          | AI797782 | 3.2 | 0.7 | 0.6 |
| 37274_at   | biotinidase   |  | BTB      | AF018631 | 3.2 | 1   | 0.4 |
| 44801_s.at | hypothetical protein FLJ21080                               |  |          | AI769154 | 3.2 | 0.3 | 0.8 |
| 46305_at   | CGI-44 protein; sulfide dehydrogenase like (yeast)          |  |          | AI804917 | 3.2 | 1.2 | 0.9 |
| 73273_at   | flightless I (Drosophila) homolog                           |  | FLII     | AI696805 | 3.2 | 1.7 | 0   |
| 42055_at   |   |  |          | AA282531 | 3.2 | 0.4 | 3.2 |
| 65978_at   |   |  |          | AI817130 | 3.2 | 3.7 | 0   |
| 52909_at   |   |  |          | 3096417  | 3.2 | 2.1 | 4.3 |
| 53000_at   |   |  |          | 3144365  | 3.2 | 1.6 | 2.2 |
| 85959_at   |   |  |          | AI016237 | 3.2 | 5.4 | 2.6 |
| 78889_at   |   |  |          | H53956   | 3.2 | 0.6 | 0   |
| 38652_at   | hypothetical protein FLJ20154                               |  |          | AF070644 | 3.2 | 1.4 | 3.2 |
| 39345_at   | epididymal secretory protein (19.5kD)                       |  |          | AI525834 | 3.2 | 1.5 | 4.7 |
| 39417_at   | KIAA1028 protein  |  |          | AB028951 | 3.2 | 1.3 | 2.9 |
| 39441_at   | LanC (bacterial lantibiotic synthetase component C)-like 1  |  | LANCL1   | Y11395   | 3.2 | 2.9 | 2.8 |
| 39774_at   | oxidase (cytochrome c) assembly 1-like                      |  | OXA1L    | X80695   | 3.2 | 3.1 | 5.4 |
| 31921_at   | olfactory receptor, family 2, subfamily F, member 1         |  | OR2F1    | U56421   | 3.2 | 2.8 | 0.3 |

Figure 11CCCCCCC

|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 709_at     | tubulin, beta polypeptide   | TUBB    | J00314   | 3.2 | 1.2 | 3.7 |
| 40478_at   | hypothetical protein  |         | AL021396 | 3.2 | 2.8 | 2.6 |
| 40568_at   | ATPase, H <sup>+</sup> transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2 | ATP6B2  | L35249   | 3.2 | 1.8 | 4.3 |
| 294_s_at   | cell division cycle 2-like 1 (PITSLRE proteins)   | CDC2L1  | U04815   | 3.2 | 2   | 1.4 |
| 35869_at   | MD-1, RP105-associated  |         | AB020499 | 3.2 | 2.3 | 2.9 |
| 34291_at   | phenylalanine tRNA synthetase-like  | FARSL   | U07424   | 3.2 | 1.6 | 3   |
| 33819_at   | lactate dehydrogenase B   | LDHB    | X13794   | 3.2 | 2.4 | 4   |
| 41309_g_at | C-terminal binding protein 1  | CTBP1   | U37408   | 3.2 | 2   | 3.6 |
| 39637_at   | solute carrier family 26 (sulfate transporter), member 2  | SLC26A2 | U14528   | 3.2 | 3.2 | 3.2 |
| 39672_at   | protein tyrosine phosphatase, non-receptor type 7   | PTPN7   | M64322   | 3.2 | 4.4 | 4.6 |
| 40296_at   | X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound  | XPNPEP2 | AL023653 | 3.2 | 2.7 | 3.2 |
| 36846_s_at | U6 snRNA-associated Sm-like protein LSM7  |         | AA121509 | 3.2 | 2.8 | 3.3 |
| 36957_at   | protein kinase C binding protein 1  | PRKCBP1 | W22296   | 3.2 | 2.5 | 3   |
| 36974_at   | proteasome (prosome, macropain) inhibitor subunit 1 (Pi31)  | PSMF1   | D88378   | 3.2 | 1.4 | 2.7 |
| 37385_at   | Clk-associating RS-cyclophilin  |         | U40763   | 3.2 | 1.2 | 2.2 |
| 37700_at   | bleomycin hydrolase   | BLMH    | X92106   | 3.2 | 1.4 | 2.7 |
| 38811_at   | 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase                          | ATIC    | D82348   | 3.2 | 1.9 | 3.1 |
| 56483_at   |   |         | AA309047 | 3.2 | 2.1 | 4   |
| 75801_at   |   |         | A1620827 | 3.2 | 2.4 | 3.2 |
| 58579_s_at | p47   |         | W07096   | 3.2 | 2.3 | 3   |
| 63374_at   | mucopolip 1   | MCOLN1  | A1816064 | 3.2 | 1.5 | 3.8 |
| 47463_at   | eukaryotic translation initiation factor 2C, 1  | EIF2C1  | A4453723 | 3.2 | 3.1 | 2.9 |
| 54865_at   | coronin, actin-binding protein, 1C  | CORO1C  | N27805   | 3.2 | 2.9 | 3.2 |
| 60471_at   | hypothetical protein FLJ22439   |         | AA625133 | 3.2 | 2.9 | 3.1 |
| 65736_at   | hypothetical protein FLJ20671   |         | AA165689 | 3.2 | 0.5 | 4   |
| 72108_at   | FSHD region gene 1  | FRG1    | AA856746 | 3.2 | 1.5 | 3.2 |
| 72643_i_at |   |         | A1758570 | 3.2 | 2.8 | 3.2 |
| 50235_at   |   |         | AA207254 | 3.2 | 2.6 | 2.2 |
| 49242_at   |   |         | N51263   | 3.2 | 2.6 | 3.2 |
| 43408_g_at | DKFZP586F1524 protein   |         | AW014654 | 3.2 | 1.6 | 3.3 |
| 43926_at   |   |         | N36085   | 3.2 | 2.7 | 3.2 |
| 43967_at   | ATP-dependant interferon response protein 1   |         | A1826411 | 3.2 | 0   | 2.5 |
| 45331_at   | hypothetical protein FLJ10355   |         | AA102468 | 3.2 | 3   | 2.7 |

Figure 11DDDDDD



|            |   |  |          |          |     |     |     |     |
|------------|---|--|----------|----------|-----|-----|-----|-----|
| 52691_at   |   |  |          | AW014700 | 3.2 | 3.2 | 3.2 | 3.2 |
| 56441_at   |   |  |          | W05842   | 3.2 | 1.7 | 3.3 | 3.3 |
| 65900_at   | KIAA1436 protein  |  |          | A1694579 | 3.2 | 3   | 3.7 | 3.7 |
| 56638_g_at |   |  |          | A1436183 | 3.2 | 1.8 | 3.2 | 3.2 |
| 53956_at   |   |  |          | AA449296 | 3.2 | 2.6 | 2.8 | 2.8 |
| 46232_at   | COP9 complex subunit 4  |  |          | A1745197 | 3.2 | 1.6 | 3.5 | 3.5 |
| 54093_at   | hypothetical protein  |  |          | A1307252 | 3.2 | 2.7 | 2.4 | 2.4 |
| 74764_g_at | testis enhanced gene transcript (BAX inhibitor 1)   |  | TEGT     | AW013869 | 3.2 | 2   | 5.4 | 5.4 |
| 55664_at   | annexin A11   |  | ANXA11   | A1923271 | 3.2 | 1.9 | 3.9 | 3.9 |
| 61119_at   | CCAAT/enhancer binding protein (C/EBP), alpha   |  | CEBPA    | A1971171 | 3.2 | 2.7 | 3.1 | 3.1 |
| 52340_f_at | MYC-associated zinc finger protein (purine-binding transcription factor)                          |  | MAZ      | AA025883 | 3.2 | 2.4 | 2.6 | 2.6 |
| 54978_at   | solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15                 |  | SLC25A15 | A1885329 | 3.2 | 3   | 1.4 | 1.4 |
| 64517_at   | KIAA0747 protein  |  |          | A1972594 | 3.2 | 2.4 | 3   | 3   |
| 68682_f_at |   |  |          | A1636095 | 3.2 | 2.8 | 2.8 | 2.8 |
| 55565_at   | hypothetical protein FLJ20424   |  |          | A1745491 | 3.2 | 2.5 | 3.2 | 3.2 |
| 47156_at   |   |  |          | A1032786 | 3.2 | 2.5 | 2.9 | 2.9 |
| 46714_at   | kiaa-iso protein  |  |          | AA524098 | 3.2 | 2.2 | 4.1 | 4.1 |
| 38688_at   | KIAA0461 protein  |  |          | AB007930 | 3.1 | 3.3 | 7.4 | 7.4 |
| 37472_at   | mannosidase, beta A, lysosomal  |  | MANBA    | U60337   | 3.1 | 5.6 | 3.5 | 3.5 |
| 31851_at   | ret finger protein 2  |  | RFP2     | AJ224819 | 3.1 | 0.4 | 1.9 | 1.9 |
| 31853_at   | embryonic ectoderm development  |  | EED      | AF080227 | 3.1 | 4.3 | 0   | 0   |
| 34997_r_at | frizzled (Drosophila) homolog 5   |  | FZD5     | U43318   | 3.1 | 1.7 | 4.1 | 4.1 |
| 31884_at   | hypothetical protein  |  |          | L40399   | 3.1 | 0.8 | 0   | 0   |
| 40049_at   | death-associated protein kinase 1   |  | DAPK1    | X76104   | 3.1 | 0.7 | 0   | 0   |
| 40282_s_at | D component of complement (adipsin)   |  | DF       | M84526   | 3.1 | 2.4 | 0   | 0   |
| 452_at     | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1 |  | SMARCC1  | U66615   | 3.1 | 0.9 | 0   | 0   |
| 32804_at   | RNA binding motif protein 5   |  | RBMS     | AF091263 | 3.1 | 1.3 | 1.2 | 1.2 |
| 33887_at   | hepatocyte growth factor-regulated tyrosine kinase substrate                                      |  | HGS      | D84064   | 3.1 | 1.6 | 0   | 0   |
| 39099_at   | Sec23 (S. cerevisiae) homolog A   |  | SEC23A   | X97064   | 3.1 | 2.2 | 0   | 0   |
| 39620_at   | POU domain, class 6, transcription factor 1   |  | POU6F1   | Z21966   | 3.1 | 1.8 | 2.2 | 2.2 |
| 35335_at   | Rho-associated, coiled-coil containing protein kinase 2   |  | ROCK2    | AB014519 | 3.1 | 2.7 | 6.6 | 6.6 |
| 35703_at   | platelet-derived growth factor alpha polypeptide  |  | PDGFA    | X06374   | 3.1 | 1.2 | 0.8 | 0.8 |

Figure 11EEEEEE

|            |  |  |          |          |     |     |      |
|------------|--|--|----------|----------|-----|-----|------|
| 40013_at   | chloride intracellular channel 2   |  | CLIC2    | Y12696   | 3.1 | 1.4 | 2.4  |
| 1660_at    | ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13)                                   |  | UBE2N    | D83004   | 3.1 | 1.9 | 0.7  |
| 37172_at   | carboxypeptidase B2 (plasma)   |  | CPB2     | M75106   | 3.1 | 1   | 12   |
| 31481_s_at | thymosin, beta 10  |  | TMSB10   | M92383   | 3.1 | 2   | 2.9  |
| 362_at     | protein kinase C, zeta   |  | PRKCZ    | Z15108   | 3.1 | 0   | 0.2  |
| 37278_at   | tafazzin (cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; Barth syndrome) |  | TAZ      | X92762   | 3.1 | 0.1 | 3.1  |
| 37564_at   | DKFZP434F162 protein   |  |          | AL080201 | 3.1 | 0   | 2.7  |
| 38046_at   | IK cytokine, down-regulator of HLA II  |  | IK       | AJ005579 | 3.1 | 2.6 | 0    |
| 38065_at   | high-mobility group (nonhistone chromosomal) protein 2   |  | HMG2     | X62534   | 3.1 | 2.1 | 1.4  |
| 36423_at   | p8 protein (candidate of metastasis 1)   |  |          | W47047   | 3.1 | 1   | 15.6 |
| 36442_g_at | potassium large conductance calcium-activated channel, subfamily M, alpha member 1             |  | KCNMA1   | U02632   | 3.1 | 1.5 | 2.3  |
| 559_s_at   | homeo box 11 (T-cell lymphoma 3-associated breakpoint)   |  | HOX11    | S38742   | 3.1 | 0.4 | 1.9  |
| 38842_at   | Leman coiled-coil protein  |  |          | AB023206 | 3.1 | 3.1 | 4.9  |
| 52653_at   |  |  |          | AI360291 | 3.1 | 2   | 2.3  |
| 63919_f_at | ectodermal-neural cortex (with BTB-like domain)  |  | ENC1     | M85329   | 3.1 | 2   | 0.8  |
| 43421_g_at | kinesin protein 9 gene   |  |          | AA625821 | 3.1 | 1.8 | 1.4  |
| 57786_at   |  |  |          | W02232   | 3.1 | 3.1 | 2    |
| 50975_s_at | sex comb on midleg (Drosophila)-like 1   |  | SCML1    | AW022735 | 3.1 | 1.4 | 1.5  |
| 43835_at   | KIAA1449 protein   |  | KIAA1449 | N91136   | 3.1 | 2.9 | 2    |
| 83661_r_at | hypothetical protein FLJ22215  |  |          | AI972942 | 3.1 | 1.2 | 0.5  |
| 50801_at   |  |  |          | AI276956 | 3.1 | 1.7 | 2.4  |
| 66258_at   |  |  |          | AA648468 | 3.1 | 1.8 | 3.3  |
| 60263_at   |  |  |          | AA126730 | 3.1 | 0.4 | 3.2  |
| 57524_at   |  |  |          | AI821146 | 3.1 | 2.2 | 2.5  |
| 81672_at   |  |  |          | W38444   | 3.1 | 0.9 | 0    |
| 46523_at   |  |  |          | AA703310 | 3.1 | 1.2 | 1.8  |
| 76786_at   |  |  |          | AI733079 | 3.1 | 0   | 3.3  |
| 74425_at   |  |  |          | AI742694 | 3.1 | 1.2 | 0.7  |
| 74487_at   |  |  |          | AI733562 | 3.1 | 3.4 | 2.3  |
| 78234_at   |  |  |          | AI733569 | 3.1 | 0.3 | 2.5  |
| 75049_g_at | hypothetical protein FLJ13984  |  |          | AA041295 | 3.1 | 2.4 | 0.7  |
| 82436_at   |  |  |          | AI242023 | 3.1 | 0   | 0.5  |
| 42613_at   |  |  |          | N64684   | 3.1 | 1.2 | 2.3  |

Figure 11FFFFFFF

|            |                                    |  |      |          |     |     |     |
|------------|------------------------------------|--|------|----------|-----|-----|-----|
| 80048_at   |                                    |  |      | AA406555 | 3.1 | 0.6 | 1.1 |
| 53509_at   |                                    |  |      | AI247411 | 3.1 | 2.3 | 1.7 |
| 80623_s_at |                                    |  |      | AI640222 | 3.1 | 3   | 2.4 |
| 83310_at   | hypothetical protein PR00971       |  |      | AI807379 | 3.1 | 1.1 | 1.2 |
| 83671_at   |                                    |  |      | R52673   | 3.1 | 0.4 | 1.9 |
| 84194_at   |                                    |  |      | T52159   | 3.1 | 1.3 | 5   |
| 47948_at   |                                    |  |      | H04453   | 3.1 | 3.5 | 2   |
| 51616_at   |                                    |  |      | AI740822 | 3.1 | 1.7 | 4.9 |
| 62596_i_at |                                    |  |      | R44193   | 3.1 | 0.9 | 1.8 |
| 83148_at   |                                    |  |      | AA749167 | 3.1 | 0.9 | 0.8 |
| 85660_at   |                                    |  |      | AI569653 | 3.1 | 2.3 | 1   |
| 60507_at   |                                    |  |      | AI457453 | 3.1 | 1.6 | 0   |
| 49383_at   | CGI-149 protein                    |  |      | AA167070 | 3.1 | 3.2 | 0.7 |
| 68194_at   |                                    |  |      | AA291194 | 3.1 | 4.8 | 10  |
| 48223_at   |                                    |  |      | AA243661 | 3.1 | 2.2 | 2.4 |
| 68575_at   |                                    |  |      | AA993965 | 3.1 | 0.2 | 0.1 |
| 79356_at   |                                    |  |      | AA287513 | 3.1 | 1.2 | 0.3 |
| 75723_at   |                                    |  |      | AI793256 | 3.1 | 1.5 | 0.2 |
| 88520_at   |                                    |  |      | T85261   | 3.1 | 4.2 | 2.6 |
| 68935_at   |                                    |  |      | AI679563 | 3.1 | 0.3 | 2.2 |
| 88790_r_at |                                    |  |      | AI680842 | 3.1 | 2.3 | 1.3 |
| 69235_at   |                                    |  |      | AI183829 | 3.1 | 1.3 | 3   |
| 69494_at   |                                    |  |      | AI703451 | 3.1 | 0.6 | 1.5 |
| 64345_s_at | KIAA1102 protein                   |  |      | AW003533 | 3.1 | 3.5 | 2.3 |
| 69739_r_at |                                    |  |      | AI743273 | 3.1 | 0.8 | 0.3 |
| 70554_at   |                                    |  |      | AI798146 | 3.1 | 1.8 | 0.9 |
| 70142_at   |                                    |  |      | AI800042 | 3.1 | 1.3 | 2.8 |
| 89640_f_at |                                    |  |      | AI422384 | 3.1 | 0.4 | 0.7 |
| 72876_at   |                                    |  |      | AI970209 | 3.1 | 0.3 | 0.7 |
| 62194_at   | RE1 silencing transcription factor |  | REST | AI872294 | 3.1 | 1.1 | 1.6 |
| 60851_r_at |                                    |  |      | AW024260 | 3.1 | 4.1 | 2.4 |
| 82973_at   |                                    |  |      | W15168   | 3.1 | 1.1 | 1.4 |
| 75332_at   |                                    |  |      | AI045360 | 3.1 | 2   | 1.9 |
| 61400_i_at |                                    |  |      | AI952593 | 3.1 | 1.8 | 0   |
| 82057_at   |                                    |  |      | AA181363 | 3.1 | 2.5 | 1   |

Figure 11GGGGGGG

|            |   |  |        |          |     |     |      |
|------------|---|--|--------|----------|-----|-----|------|
| 52685_at   |   |  |        | AI991451 | 3.1 | 1.5 | 3    |
| 84385_at   |   |  |        | AI378363 | 3.1 | 2.7 | 2.7  |
| 45334_at   | hypothetical protein, clone Telethon(Italy_B41)_Strait02270_FL142   |  |        | AI628609 | 3.1 | 0   | 0    |
| 57128_at   |   |  |        | AA928698 | 3.1 | 2.6 | 5.8  |
| 64338_f.at | ribosomal protein S18   |  | RPS18  | AI990458 | 3.1 | 2.6 | 0    |
| 88143_at   |   |  |        | AI253134 | 3.1 | 3   | 4.1  |
| 44027_at   |   |  |        | AI472026 | 3.1 | 0.7 | 0.2  |
| 43669_at   |   |  |        | AA777488 | 3.1 | 1.6 | 1.4  |
| 49235_at   |   |  |        | AI792647 | 3.1 | 2.3 | 0.7  |
| 67573_at   |   |  |        | AI521246 | 3.1 | 1.7 | 0.9  |
| 52032_at   |   |  |        | AA626793 | 3.1 | 3.6 | 1.7  |
| 58527_s.at |   |  |        | AI554439 | 3.1 | 0.2 | 2.2  |
| 61705_f.at | hypothetical protein FLJ20036                                       |  |        | AW006276 | 3.1 | 0.4 | 2.5  |
| 64103_at   |   |  |        | N22751   | 3.1 | 7.2 | 9.1  |
| 64691_at   |   |  |        | AI972964 | 3.1 | 1.7 | 2.5  |
| 59154_at   |   |  |        | AA165313 | 3.1 | 2.3 | 1.8  |
| 62480_at   |   |  |        | AI446414 | 3.1 | 3.8 | 12.7 |
| 54086_at   |   |  |        | AI761595 | 3.1 | 1.5 | 1.8  |
| 72042_at   | cyclic AMP phosphoprotein, 19 kD                                    |  |        | N72845   | 3.1 | 1.8 | 0.7  |
| 62168_at   | caspase 4, apoptosis-related cysteine protease                      |  | CASP4  | AI246018 | 3.1 | 0.9 | 0.2  |
| 74800_g.at | uroporphyrinogen III synthase (congenital erythropoietic porphyria) |  | UROS   | AW016762 | 3.1 | 1   | 2.4  |
| 57230_at   |   |  |        | N98637   | 3.1 | 1   | 0.3  |
| 57237_at   | TERF1 (TRF1)-interacting nuclear factor 2                           |  | TINF2  | W25667   | 3.1 | 3.9 | 1    |
| 55067_at   | KIAA1450 protein  |  |        | N32192   | 3.1 | 2.5 | 0.7  |
| 91095_s.at | transmembrane, prostate androgen induced RNA                        |  | TMEPAI | AA535819 | 3.1 | 1.9 | 0    |
| 88386_at   |   |  |        | AA968576 | 3.1 | 1.9 | 0.5  |
| 47107_at   |   |  |        | AI765321 | 3.1 | 4.3 | 5.6  |
| 65965_at   | KIAA1191 protein  |  |        | N23782   | 3.1 | 2.4 | 0.7  |
| 55412_at   |   |  |        | AI768697 | 3.1 | 1.6 | 8.6  |
| 63027_at   |   |  |        | AA151719 | 3.1 | 6.7 | 3.4  |
| 65112_at   | hypothetical protein MGC10764                                       |  |        | AA602884 | 3.1 | 1.8 | 1.8  |
| 42295_at   |   |  |        | AI50454  | 3.1 | 2.2 | 5    |
| 54272_at   |   |  |        | N30122   | 3.1 | 1.8 | 1.6  |
| 50628_at   |   |  |        | 2825184  | 3.1 | 2.9 | 1.2  |
| 84598_at   |   |  |        | AA632741 | 3.1 | 0.3 | 3.2  |

Figure 11HHHHHHH



|            |  |        |          |     |     |     |
|------------|--|--------|----------|-----|-----|-----|
| 52811_at   | aryl hydrocarbon receptor nuclear translocator   | ARNT   | A1768497 | 3.1 | 2.1 | 4.1 |
| 54758_at   |  |        | AA256195 | 3.1 | 1.7 | 2.2 |
| 44083_at   |  |        | A1479056 | 3.1 | 2   | 3.1 |
| 65745_s_at |  |        | A1685714 | 3.1 | 0.7 | 3.6 |
| 65750_f_at | hypothetical protein   |        | N75645   | 3.1 | 0.1 | 2.9 |
| 63600_f_at |  |        | AW021173 | 3.1 | 2.9 | 3.2 |
| 88129_at   |  |        | AA677588 | 3.1 | 2.5 | 2.6 |
| 49345_at   |  |        | A1770110 | 3.1 | 0.6 | 2.2 |
| 65774_at   |  |        | A1556963 | 3.1 | 1   | 3.8 |
| 62210_at   | TCF3 (E2A) fusion partner (in childhood Leukemia)  | TFPT   | A1309849 | 3.1 | 2.4 | 3   |
| 64272_at   |  |        | AW024964 | 3.1 | 3.4 | 3.6 |
| 49428_at   |  |        | AA223923 | 3.1 | 2.8 | 2.4 |
| 57171_at   | carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6                                | CHST6  | X84716   | 3.1 | 2.4 | 3   |
| 55599_at   | hypothetical protein PP3501  |        | A1936523 | 3.1 | 1.7 | 2.9 |
| 51203_at   |  |        | AA775177 | 3.1 | 2.5 | 2.9 |
| 88691_at   | unr-interacting protein  |        | A1660343 | 3.1 | 3.5 | 3.2 |
| 64584_at   |  |        | H87175   | 3.1 | 3   | 3.3 |
| 52608_at   |  |        | A1860012 | 3.1 | 2.1 | 3.1 |
| 52169_at   |  |        | A1302185 | 3.1 | 2.2 | 3.1 |
| 62178_at   |  |        | AA613328 | 3.1 | 1.5 | 2.5 |
| 45809_at   | CGI.45 protein   |        | AA725071 | 3.1 | 2.4 | 6.7 |
| 37397_at   | platelet/endothelial cell adhesion molecule (CD31 antigen)                               | PECAM1 | L34657   | 3.1 | 2.1 | 2.3 |
| 65961_at   | CGI.135 protein  |        | W63805   | 3.1 | 3.1 | 3.5 |
| 45178_at   | RAP1A, member of RAS oncogene family   | RAP1A  | A1476340 | 3.1 | 2.5 | 2.7 |
| 48720_at   |  |        | AA627644 | 3.1 | 2.9 | 2.9 |
| 50238_at   |  |        | A1801902 | 3.1 | 2.2 | 2.4 |
| 37883_i_at | hypothetical protein   |        | A1375033 | 3   | 1.6 | 6.6 |
| 39727_at   | dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)                          | DUSP11 | AF029917 | 3   | 2   | 0.3 |
| 39744_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3   | DDX3   | AF000982 | 3   | 1.5 | 8.5 |
| 40200_at   | heat shock transcription factor 1  | HSF1   | M64673   | 3   | 3.6 | 0.6 |
| 40787_at   |  |        | U90911   | 3   | 1.5 | 2.7 |
| 40638_at   | splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated) | SFPQ   | X70944   | 3   | 2   | 0.1 |
| 40928_at   | DKFZP564A122 protein   |        |          |     |     |     |
| 1388_g_at  | vitamin D (1,25-dihydroxyvitamin D3) receptor  | VDR    | W26496   | 3   | 1.8 | 2.4 |
|            |  |        | J03258   | 3   | 1.3 | 0   |

Figure 11JJJJJJ

|            |   |  |          |          |  |   |     |     |
|------------|---|--|----------|----------|--|---|-----|-----|
| 32833_at   | CDC-like kinase1  |  | CLK1     | M59287   |  | 3 | 2.2 | 3.9 |
| 33470_at   |   |  |          | AF02177  |  | 3 | 0.3 | 2.9 |
| 31697_s_at | ferritin, heavy polypeptide pseudogene 1  |  | FTHP1    | J04755   |  | 3 | 1.2 | 1.3 |
| 35218_at   | programmed cell death 10  |  | PDCD10   | AF022385 |  | 3 | 0.9 | 0   |
| 40290_f_at | sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase)             |  | SIAT4A   | L13972   |  | 3 | 7   | 2.2 |
| 38741_at   | pleckstrin homology, Sec7 and coiled/coiled domains 2 (cytohesin-2)               |  | PSCD2    | U70728   |  | 3 | 2.7 | 0   |
| 34575_f_at | melanoma antigen, family A, 5   |  | MAGEA5   | U10689   |  | 3 | 0.4 | 4.3 |
| 34827_at   | unc-51 (C. elegans)-like kinase 1   |  | ULK1     | AF045458 |  | 3 | 0.3 | 0.5 |
| 34867_at   | fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) |  | FABP3    | A1041520 |  | 3 | 2   | 2.1 |
| 35317_at   | meningioma expressed antigen 5 (hyaluronidase)                                    |  | MGEA5    | AB014579 |  | 3 | 3.3 | 4.4 |
| 36118_at   | nuclear receptor coactivator 1  |  | NCOA1    | AJ000882 |  | 3 | 4.5 | 4.4 |
| 1102_s_at  | nuclear receptor subfamily 3, group C, member 1                                   |  | NR3C1    | M10901   |  | 3 | 1.1 | 6.4 |
| 36963_at   | phosphogluconate dehydrogenase  |  | PGD      | U30255   |  | 3 | 1.3 | 0.1 |
| 37317_at   | platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (45kD)      |  | PAFAH1B1 | L25107   |  | 3 | 1.4 | 3.5 |
| 37376_at   | ORF   |  |          | M68864   |  | 3 | 1.6 | 0   |
| 38372_at   |   |  |          | U66042   |  | 3 | 7.5 | 0   |
| 37943_at   | KIAA0321 protein  |  |          | AB002319 |  | 3 | 1.5 | 0   |
| 37968_at   | lymphocyte antigen 117  |  | LY117    | AF031137 |  | 3 | 0.7 | 2.5 |
| 33167_r_at | adenylosuccinate synthase   |  | ADSS     | X66503   |  | 3 | 0.1 | 0.2 |
| 54686_at   | thyroid hormone receptor-associated protein, 240 kDa subunit                      |  |          | AA122265 |  | 3 | 2.5 | 4.5 |
| 52207_at   | protein phosphatase 4 regulatory subunit 2  |  |          | W87465   |  | 3 | 0.8 | 1   |
| 76949_at   |   |  |          | A1187760 |  | 3 | 0.1 | 2.4 |
| 88879_at   |   |  |          | A1378857 |  | 3 | 0   | 0.8 |
| 59096_at   |   |  |          | A1082856 |  | 3 | 0.5 | 1.5 |
| 90037_at   | Ewing sarcoma breakpoint region 1   |  | EWSR1    | AW001288 |  | 3 | 2.8 | 0.5 |
| 66880_at   |   |  |          | A1733050 |  | 3 | 3   | 5.7 |
| 76704_s_at |   |  |          | A1817195 |  | 3 | 1.7 | 0.5 |
| 78992_at   |   |  |          | A1791323 |  | 3 | 0.5 | 1.3 |
| 79240_at   |   |  |          | A1435163 |  | 3 | 0   | 3.9 |
| 80275_at   |   |  |          | R25709   |  | 3 | 1.2 | 1.9 |
| 62048_at   |   |  |          | A1192486 |  | 3 | 0.9 | 3.2 |
| 80313_at   |   |  |          | A1215686 |  | 3 | 1.9 | 3.8 |

Figure 11KKKKKK

|            |  |         |          |   |     |      |
|------------|--|---------|----------|---|-----|------|
| 47221_at   |  |         | H58608   | 3 | 3.9 | 4.2  |
| 55135_at   |  |         | A1300834 | 3 | 1.5 | 0.6  |
| 67251_at   |  |         | A1379741 | 3 | 0.2 | 0.2  |
| 47240_at   |  |         | R02354   | 3 | 1.1 | 0.2  |
| 85242_at   |  |         | A1472855 | 3 | 2.1 | 0    |
| 85667_at   |  |         | A1932342 | 3 | 1.7 | 1.5  |
| 48363_at   |  |         | AA651889 | 3 | 3   | 5    |
| 67091_at   |  |         | A1081782 | 3 | 0.9 | 1.5  |
| 91495_r.at | major histocompatibility complex, class I, A                   | HLA-A   | R99989   | 3 | 1   | 0.8  |
| 88013_at   |  |         | A1332638 | 3 | 1.2 | 2.9  |
| 88052_at   |  |         | A1018179 | 3 | 0.7 | 2.9  |
| 79512_at   |  |         | A1248270 | 3 | 2.5 | 8.5  |
| 88760_at   |  |         | A1766117 | 3 | 1.9 | 2.4  |
| 57792_at   | zinc finger protein, subfamily 2A (FYVE domain containing) , 1 | ZNFN2A1 | AA399630 | 3 | 2.7 | 3.6  |
| 77814_f.at |  |         | A1884831 | 3 | 1   | 3.2  |
| 70582_at   |  |         | M79158   | 3 | 2   | 0.6  |
| 70798_at   |  |         | A1400344 | 3 | 0   | 0.4  |
| 64293_at   |  |         | A1971000 | 3 | 0.8 | 25.6 |
| 71543_at   |  |         | A1935074 | 3 | 2   | 1.7  |
| 89718_at   |  |         | A1051304 | 3 | 0.8 | 2.6  |
| 85190_at   |  |         | AA737437 | 3 | 0.7 | 0    |
| 73424_r.at |  |         | A1962748 | 3 | 1   | 0    |
| 66099_at   |  |         | A1983166 | 3 | 2.4 | 0.2  |
| 74354_at   |  |         | A1982590 | 3 | 2.4 | 1.5  |
| 44783_s.at | hair/enhancer-of-split related with YRPW motif 1               | HEY1    | R61374   | 3 | 1.5 | 2.6  |
| 78114_f.at |  |         | AW016419 | 3 | 1.8 | 0.5  |
| 87219_s.at |  |         | A1018560 | 3 | 1.4 | 0.5  |
| 86047_at   |  |         | AA689588 | 3 | 0.3 | 0.9  |
| 76802_at   | core promoter element binding protein                          | COPEB   | A1355637 | 3 | 0.3 | 10.1 |
| 46229_at   |  |         | H23103   | 3 | 0.8 | 0    |
| 67676_at   |  |         | A1040114 | 3 | 2.3 | 1.5  |
| 88959_at   |  |         | AA528441 | 3 | 2.5 | 0    |
| 52016_at   |  |         | A1672414 | 3 | 2.6 | 3.1  |
| 90167_at   |  |         | A1684439 | 3 | 2.3 | 10.3 |
| 49172_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 5    | NUDT5   | A1694646 | 3 | 2.5 | 1.1  |

Figure 11111111



|            |  |  |        |          |   |     |     |
|------------|--|--|--------|----------|---|-----|-----|
| 56366_at   |  |  |        | AA700906 | 3 | 4   | 1.5 |
| 71526_f.at |  |  |        | AI686949 | 3 | 3   | 1.4 |
| 46661_at   | hypothetical protein FLJ10474  |  |        | AA142988 | 3 | 2.9 | 2.4 |
| 58597_s.at |  |  |        | N53553   | 3 | 1.2 | 0.7 |
| 46005_at   |  |  |        | N81145   | 3 | 1.9 | 5.2 |
| 64443_at   | EH-domain containing 4   |  | EHF4   | AI971203 | 3 | 3.9 | 0   |
| 62489_at   | hypothetical protein FLJ13078  |  |        | AA897088 | 3 | 0   | 0.4 |
| 54487_at   |  |  |        | AA044626 | 3 | 3.1 | 5.1 |
| 48573_at   | zinc finger protein 161  |  | ZNF161 | AA452188 | 3 | 1.5 | 6.6 |
| 45556_at   | KIAA1235 protein   |  |        | AW001066 | 3 | 2.2 | 2   |
| 54902_at   |  |  |        | N63582   | 3 | 0   | 1.1 |
| 59066_at   |  |  |        | AL036615 | 3 | 2   | 1.7 |
| 56065_at   |  |  |        | AA524267 | 3 | 2.4 | 1.4 |
| 52892_at   |  |  |        | AI761092 | 3 | 0.5 | 3   |
| 54825_at   |  |  |        | AA810923 | 3 | 1.8 | 0   |
| 61108_at   |  |  |        | AA831618 | 3 | 0.5 | 9.1 |
| 63110_at   |  |  |        | W91938   | 3 | 3.5 | 1.9 |
| 86346_at   |  |  |        | AA528523 | 3 | 0.3 | 0.8 |
| 39830_at   | ribosomal protein L27  |  | RPL27  | AA044823 | 3 | 2.7 | 5.8 |
| 39041_at   | dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)    |  | DLAT   | Y00978   | 3 | 1.6 | 1.6 |
| 37769_at   | endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4         |  | EDG4   | AF011466 | 3 | 0.9 | 1.8 |
| 39751_at   | DHHC1 protein  |  |        | AF052182 | 3 | 0.9 | 3.1 |
| 40110_at   | isocitrate dehydrogenase 3 (NAD+) beta   |  | IDH3B  | U49283   | 3 | 1.8 | 3   |
| 33396_at   | glutathione S-transferase pi   |  | GSTP1  | U12472   | 3 | 1.3 | 3.9 |
| 1468_at    | heat shock protein 75  |  |        | U12595   | 3 | 1.6 | 2.7 |
| 41778_at   | solute carrier family 1 (neutral amino acid transporter), member 5                       |  | SLC1A5 | U53347   | 3 | 1.3 | 2.9 |
| 41000_at   | checkpoint suppressor 1  |  | CHES1  | U68723   | 3 | 1.4 | 2.8 |
| 33397_at   | CDP-diacylglycerol--inositol 3-phosphatidylintransferase (phosphatidylinositol synthase) |  | CDIPT  | AL050383 | 3 | 1.8 | 3.2 |
| 35167_at   | KIAA0433 protein   |  |        | AB007893 | 3 | 2.1 | 2.9 |
| 39593_at   | fibrinogen-like 2  |  | FGL2   | AI432401 | 3 | 1.8 | 2.6 |
| 33485_at   | ribosomal protein L4   |  | RPL4   | D23660   | 3 | 1.9 | 4.6 |
| 35329_at   | cytochrome b5 reductase 1 (B5R.1)  |  |        | AF091084 | 3 | 2.8 | 2.8 |

Figure 11MMMMMM

|   |  |  |  |          |   |     |     |
|---|--|--|--|----------|---|-----|-----|
| 35221_at  |  |  |  | X91648   | 3 | 1.9 | 1.6 |
| KIAA0214 gene product                               |  |  |  | D86987   | 3 | 1.4 | 2.3 |
| 34369_at  |  |  |  | STX10    | 3 | 1.6 | 1   |
| 36011_at  |  |  |  | AF035531 | 3 | 1.9 | 2.9 |
| syntaxin 10   |  |  |  | AB002374 | 3 | 3.1 | 3.3 |
| KIAA0376 protein                                    |  |  |  | D86640   | 3 | 2.7 | 2.6 |
| src homology three (SH3) and cysteine rich domain   |  |  |  | NDUFB7   | 3 |     |     |
| 40024_at  |  |  |  | AA527880 | 3 |     |     |
| 35773_l_at  |  |  |  |          |   |     |     |
|   |  |  |  |          |   |     |     |
| protein tyrosine kinase 9-like (A6-related protein) |  |  |  | PTK9L    | 3 | 1.4 | 2.9 |
| 35796_at  |  |  |  | D38549   | 3 | 1.8 | 4.2 |
| KIAA0068 protein                                    |  |  |  | CALU     | 3 | 1.1 | 3.4 |
| 37306_at  |  |  |  | TPM1     | 3 | 3   | 2.9 |
| 37345_at  |  |  |  | AKAP12   | 3 | 1.1 | 2.9 |
| 36792_at  |  |  |  | U81607   | 3 | 2.2 | 2.7 |
| 37680_at  |  |  |  | M62840   | 3 | 2.5 | 2.9 |
| 37647_at  |  |  |  | AB023230 | 3 | 0.9 | 3.2 |
| 38336_at  |  |  |  | AI472209 | 3 | 2.1 | 2.9 |
| KIAA1013 protein                                    |  |  |  | M21259   | 3 | 2.6 | 2.6 |
| KIAA0680 gene product                               |  |  |  | AA177127 | 3 | 2.7 | 3.4 |
| 43459_at  |  |  |  | AI817330 | 3 | 2.7 | 3.4 |
| 38680_at  |  |  |  | AA868896 | 3 | 2.9 | 3   |
| 56426_at  |  |  |  | W60775   | 3 | 2.4 | 2.3 |
| 65125_at  |  |  |  | AI494453 | 3 | 1   | 1.4 |
| 48498_at  |  |  |  | R50754   | 3 | 3.3 | 3.3 |
| 53730_at  |  |  |  | AA85833  | 3 | 1.5 | 2.5 |
| 83320_at  |  |  |  | AI271326 | 3 | 3   | 1.8 |
| 56544_g_at  |  |  |  | AA810864 | 3 | 2.3 | 2.4 |
| 90724_at  |  |  |  | AL048542 | 3 | 2.6 | 2.8 |
| 80095_at  |  |  |  | AI380429 | 3 | 2.8 | 2.8 |
| 54648_at  |  |  |  | AI745170 | 3 | 2.8 | 2.8 |
| 58321_at  |  |  |  | AA707400 | 3 | 1.8 | 3.3 |
| 82998_at  |  |  |  | R41296   | 3 | 2.4 | 3.1 |
| 54810_i_at  |  |  |  | C05777   | 3 | 1.1 | 1.9 |
| 48595_at  |  |  |  | AI621286 | 3 | 2.9 | 2.6 |
| 54867_at  |  |  |  | U66306   | 3 | 1.3 | 2.8 |
| 63323_at  |  |  |  | W27853   | 3 | 2.4 | 3.7 |
| 59616_at  |  |  |  | T03298   | 3 |     |     |
| 32800_at  |  |  |  |          |   |     |     |
| 50219_at  |  |  |  |          |   |     |     |
| 43827_s at  |  |  |  |          |   |     |     |

Figure 11 NNNNNN

|            |   |         |  |          |     |     |     |
|------------|---|---------|--|----------|-----|-----|-----|
| 65612_at   | hypothetical protein MGC3180  |         |  | AW006145 | 3   | 3   | 3   |
| 64061_at   | hypothetical protein FLJ22195   |         |  | AL121007 | 3   | 0.9 | 3.9 |
| 64934_at   | eukaryotic translation initiation factor 2B, subunit 3 (gamma, 58kD)                        | EIF2B3  |  | AI660531 | 3   | 2.8 | 3.4 |
| 46315_at   |   |         |  | AA233808 | 3   | 3.5 | 4.8 |
| 43854_at   |   |         |  | AW004730 | 3   | 2.8 | 2.9 |
| 51267_at   |   |         |  | AI858023 | 3   | 2.2 | 2.6 |
| 864_at     | homeo box HB9   | HLXB9   |  | U07664   | 3   | 2.6 | 1.9 |
| 51997_at   |   |         |  | AA704789 | 3   | 2.7 | 2.7 |
| 45205_at   |   |         |  | N21193   | 3   | 2   | 2.4 |
| 46403_at   |   |         |  | AI984021 | 3   | 2.6 | 2.9 |
| 52094_at   | similar to glucosamine-6-sulfatases   |         |  | AI688582 | 3   | 2.8 | 3   |
| 52120_at   | hypothetical protein FLJ20534   |         |  | AA628439 | 3   | 1.9 | 2.5 |
| 52124_at   |   |         |  | AI805463 | 3   | 2   | 3   |
| 64368_s_at | hypothetical protein FLJ10470   |         |  | AW001184 | 3   | 2   | 3.4 |
| 53031_s_at | apoptosis-related protein PNAS.1  |         |  | AA521316 | 3   | 2.9 | 3.1 |
| 46097_at   |   |         |  | AI831258 | 3   | 2.7 | 2.4 |
| 53626_at   |   |         |  | AI417834 | 3   | 2.6 | 2.6 |
| 46677_at   |   |         |  | AI762760 | 3   | 1.6 | 2.7 |
| 47046_at   |   |         |  | H98090   | 3   | 1.3 | 3.1 |
| 49549_at   | CD36 antigen (collagen type I receptor, thrombospondin receptor)                            | CD36    |  | R20784   | 3   | 3   | 2.2 |
| 43499_at   | tropomyosin 1 (alpha)   | TPM1    |  | N76371   | 3   | 2.6 | 2.6 |
| 55611_at   | hypothetical protein FLJ20011   |         |  | AA242757 | 3   | 3.4 | 3.4 |
| 48910_at   |   |         |  | AI742347 | 3   | 3.1 | 3.2 |
| 39427_at   | ubiquinol-cytochrome c reductase binding protein  | UQCRCB  |  | T79616   | 2.9 | 2.2 | 3.6 |
| 1158_s_at  | calmodulin 3 (phosphorylase kinase, delta)  | CALM3   |  | J04046   | 2.9 | 1.5 | 1.7 |
| 40220_at   | HMBA-inducible  |         |  | AB021179 | 2.9 | 2.5 | 2.2 |
| 40546_s_at | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 (8kD, B8)                             | NDUFA2  |  | AF047185 | 2.9 | 1.8 | 3.3 |
| 40435_at   | solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6 | SLC25A6 |  | J03592   | 2.9 | 1.8 | 3.7 |
| 32774_at   | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8 (19kD, ASH1)                           | NDUFB8  |  | AI541050 | 2.9 | 1.3 | 4.2 |
| 41243_at   | KIAA0447 gene product   |         |  | AB007916 | 2.9 | 2   | 2.9 |
| 34743_at   | human homolog of Drosophila Scribble  |         |  | D63481   | 2.9 | 3.2 | 5.8 |

Figure 11000000

|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 33828_at   | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 | SMARCE1 | AF035262 | 2.9 | 1.5 | 4.2 |
| 39588_at   | tumor necrosis factor (ligand) superfamily, member 12   | TNFSF12 | AF055872 | 2.9 | 2.5 | 2.9 |
| 39516_at   | hypothetical protein  |         | AI827793 | 2.9 | 2.2 | 2.7 |
| 32695_at   | pre-B-cell leukemia transcription factor 3  | PBX3    | X59841   | 2.9 | 0.9 | 2   |
| 33432_at   |   |         | AI547308 | 2.9 | 1.6 | 1.6 |
| 33641_g_at | allograft inflammatory factor 1   | AIF1    | Y14768   | 2.9 | 2.3 | 2.8 |
| 36030_at   | DKFZP586I2223 protein   |         | AL080214 | 2.9 | 1.5 | 2.7 |
| 36076_g_at | putative GTP-binding protein similar to RAY/RAB1C   |         | AL037167 | 2.9 | 2.3 | 2.9 |
| 35342_at   |   |         | AF052159 | 2.9 | 2.5 | 2.6 |
| 41824_at   | CGI-48 protein  |         | AI140114 | 2.9 | 1.6 | 2.7 |
| 35779_at   | vacuolar protein sorting 45B (yeast homolog)  | VPS45B  | AJ133421 | 2.9 | 2   | 2.1 |
| 36135_at   | nucleolar protein p40; homolog of yeast EBNA1-binding protein                                     |         | U86602   | 2.9 | 2.7 | 2.9 |
| 36624_at   | IMP (inosine monophosphate) dehydrogenase 2   | IMPDH2  | L33842   | 2.9 | 2.2 | 4.2 |
| 36644_at   | CD151 antigen   | CD151   | D29963   | 2.9 | 1.8 | 2.8 |
| 32971_at   | Friedreich ataxia region gene X123  |         | L27479   | 2.9 | 2.6 | 2.6 |
| 33660_at   | ribosomal protein L5  | RPL5    | U14966   | 2.9 | 2.4 | 4.1 |
| 37736_at   | protein-L-isoaspartate (D-aspartate) O-methyltransferase  | PCMT1   | D13892   | 2.9 | 0.7 | 3   |
| 38107_at   | unc119 (C.elegans) homolog  | UNC119  | U40998   | 2.9 | 3.2 | 2.2 |
| 40695_at   | IMP (inosine monophosphate) dehydrogenase 1   | IMPDH1  | J05272   | 2.9 | 2.7 | 3.7 |
| 37966_at   | beta-parvin   |         | AA187563 | 2.9 | 0.6 | 4.3 |
| 38770_at   | a disintegrin and metalloproteinase domain 12 (meltrin alpha)                                     | ADAM12  | AF023476 | 2.9 | 2.9 | 2.7 |
| 37978_at   | quinoline phosphoribosyltransferase (nicotinate-nucleotide pyrophosphorylase (carboxylating))     | QPRT    | D78177   | 2.9 | 2.8 | 2.7 |
| 38841_at   | putative glioblastoma cell differentiation-related  |         | AF068195 | 2.9 | 2   | 2.6 |
| 38282_at   | a disintegrin and metalloproteinase domain 15 (metargidin)  | ADAM15  | U41767   | 2.9 | 2.9 | 1.7 |
| 38290_at   | regulator of G-protein signaling 14   | RGS14   | AF037195 | 2.9 | 2.6 | 2.7 |
| 38292_at   | Homer, neuronal immediate early gene, 2   |         | AF093264 | 2.9 | 0.5 | 3.4 |
| 48010_at   |   |         | W02538   | 2.9 | 3.3 | 4.4 |
| 48079_at   |   |         | AI824079 | 2.9 | 2.4 | 2.5 |
| 56881_at   |   |         | AI807211 | 2.9 | 1.6 | 3.1 |
| 76983_at   |   |         | AI822003 | 2.9 | 2.4 | 2.5 |
| 48271_at   |   |         | AI683752 | 2.9 | 2.8 | 2.9 |
| 78442_at   | hypothetical protein MGC4692  |         | AI819340 | 2.9 | 2.9 | 2.9 |
| 57818_at   | hypothetical protein dJ462023.2   |         | AI363216 | 2.9 | 2.9 | 3.2 |

Figure 11PPPPPP

|            |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|
| G3886_at   | hypothetical protein MGC2616   |  |  |  |  |  |  |  |  |
| 51034_at   | KIAA0788 protein   |  |  |  |  |  |  |  |  |
| 47994_at   | eukaryotic translation initiation factor 2C, 2   |  |  |  |  |  |  |  |  |
| 65694_at   | EIF2C2   |  |  |  |  |  |  |  |  |
| 49343_at   | Wiskott-Aldrich syndrome (eczema-thrombocytopenia)                                     |  |  |  |  |  |  |  |  |
| 64315_r.at |  |  |  |  |  |  |  |  |  |
| 74047_l.at |  |  |  |  |  |  |  |  |  |
| 44041_at   |  |  |  |  |  |  |  |  |  |
| 44069_at   |  |  |  |  |  |  |  |  |  |
| 58501_at   | KIAA0876 protein   |  |  |  |  |  |  |  |  |
| 43542_at   |  |  |  |  |  |  |  |  |  |
| 89917_at   | apolipoprotein C-I   |  |  |  |  |  |  |  |  |
| 64313_at   | hypothetical protein FLJ20454  |  |  |  |  |  |  |  |  |
| 45828_at   | hypothetical protein FLJ10241  |  |  |  |  |  |  |  |  |
| 88830_s.at | EH domain-binding mitotic phosphoprotein   |  |  |  |  |  |  |  |  |
| 66136_s.at | transmembrane 9 superfamily member 2   |  |  |  |  |  |  |  |  |
| 60079_s.at | hypothetical protein FLJ20920  |  |  |  |  |  |  |  |  |
| 50979_s.at |  |  |  |  |  |  |  |  |  |
| 49318_at   | hypothetical protein FLJ10656  |  |  |  |  |  |  |  |  |
| 51818_s.at |  |  |  |  |  |  |  |  |  |
| 64096_at   | WD repeat domain 3   |  |  |  |  |  |  |  |  |
| 51234_at   |  |  |  |  |  |  |  |  |  |
| 44849_at   | beta site APP-cleaving enzyme  |  |  |  |  |  |  |  |  |
| 62460_f.at | BACE   |  |  |  |  |  |  |  |  |
| 64890_at   | hypothetical protein FLJ10669  |  |  |  |  |  |  |  |  |
| 57217_at   | biphenyl hydrolase-like (serine hydrolase; breast epithelial mucin-associated antigen) |  |  |  |  |  |  |  |  |
| 65933_at   |  |  |  |  |  |  |  |  |  |
| 46267_at   | hypothetical protein FLJ14153  |  |  |  |  |  |  |  |  |
| 46279_at   |  |  |  |  |  |  |  |  |  |
| 63996_at   | endocytic receptor (macrophage mannose receptor family)                                |  |  |  |  |  |  |  |  |
| 43362_at   |  |  |  |  |  |  |  |  |  |
| 74827_s.at | lagged 1 (Alagille syndrome)   |  |  |  |  |  |  |  |  |
| 55671_at   | FH1/FH2 domain-containing protein  |  |  |  |  |  |  |  |  |
| 52883_at   |  |  |  |  |  |  |  |  |  |

Figure 11QQQQQ

|            |   |  |  |  |  |  |  |  |  |
|------------|---|--|--|--|--|--|--|--|--|
| 55735_at   |   |  |  |  |  |  |  |  |  |
| 47904_at   |   |  |  |  |  |  |  |  |  |
| 38702_at   | histone fold protein CHRAC17; DNA polymerase epsilon p17 subunit  |  |  |  |  |  |  |  |  |
| 41462_at   | sorting nexin 2   |  |  |  |  |  |  |  |  |
| 40720_at   | adenosine A2b receptor pseudogene   |  |  |  |  |  |  |  |  |
| 39700_at   | Rho GTPase activating protein 1   |  |  |  |  |  |  |  |  |
| 40196_at   | HYA22 protein   |  |  |  |  |  |  |  |  |
| 39772_at   | hypothetical protein MGC2683  |  |  |  |  |  |  |  |  |
| 674_g_at   | methylene tetrahydrofolate dehydrogenase (NADP+ dependent), methylenetetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase |  |  |  |  |  |  |  |  |
| 41209_at   | lipoprotein lipase  |  |  |  |  |  |  |  |  |
| 254_at     | H3 histone, family 3A   |  |  |  |  |  |  |  |  |
| 1676_s_at  | eukaryotic translation elongation factor 1 gamma  |  |  |  |  |  |  |  |  |
| 33466_at   |   |  |  |  |  |  |  |  |  |
| 37034_at   | putative human HLA class II associated protein 1  |  |  |  |  |  |  |  |  |
| 34330_at   | cytochrome c oxidase subunit VIIa polypeptide 2 like  |  |  |  |  |  |  |  |  |
| 33032_g_at | similar to S. pombe dim1+   |  |  |  |  |  |  |  |  |
| 35338_at   | paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)   |  |  |  |  |  |  |  |  |
| 1375_s_at  | tissue inhibitor of metalloproteinase 2   |  |  |  |  |  |  |  |  |
| 35761_at   | amino adipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase  |  |  |  |  |  |  |  |  |
| 36856_at   |   |  |  |  |  |  |  |  |  |
| 37333_at   | DNA (cytosine-5-)methyltransferase 1  |  |  |  |  |  |  |  |  |
| 1138_at    | solute carrier family 20 (phosphate transporter), member 1  |  |  |  |  |  |  |  |  |
| 32585_at   | erythrocyte membrane protein band 4.1-like 2  |  |  |  |  |  |  |  |  |
| 36798_g_at | sialophorin (gpL115, leukosialin, CD43)   |  |  |  |  |  |  |  |  |
| 31638_at   | guadinioacetate N-methyltransferase   |  |  |  |  |  |  |  |  |
| 1815_g_at  | transforming growth factor, beta receptor il (70.80kD)  |  |  |  |  |  |  |  |  |
| 39113_at   | protein disulfide isomerase related protein (calcium-binding protein, intestinal-related)   |  |  |  |  |  |  |  |  |
| 39165_at   | nitrogen fixation cluster-like  |  |  |  |  |  |  |  |  |
| 89930_s_at |   |  |  |  |  |  |  |  |  |

Figure 11RRRRR

|            |  |          |          |     |     |     |
|------------|--|----------|----------|-----|-----|-----|
| 56431_at   | hematological and neurological expressed 1                                   | HN1      | N90863   | 2.8 | 1.6 | 2.6 |
| 48119_at   | nuclear body protein Sp140   |          | A1796726 | 2.8 | 1.4 | 3.2 |
| 58872_at   |  |          | A1983986 | 2.8 | 1.5 | 1.6 |
| 53749_at   | NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2<br>(14.5kD, B14.5b) | NSUFC2   | AL050278 | 2.9 | 2.3 | 5.6 |
| 89919_s_at | Tax interaction protein 1  |          | AW007343 | 2.8 | 2   | 3   |
| 31804_f.at | sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1          | SULT1A1  | X78283   | 2.8 | 2   | 1.7 |
| 84903_f.at |  |          | A1264299 | 2.8 | 2.6 | 2.6 |
| 49292_s_at | ras responsive element binding protein 1                                     | RREB1    | A1097330 | 2.8 | 1.6 | 2.6 |
| 65507_at   | eukaryotic translation initiation factor 4 gamma, 2                          | EIF4G2   | A1749642 | 2.8 | 1.6 | 2.4 |
| 48599_at   |  |          | AA824370 | 2.8 | 1.4 | 2.5 |
| 57086_at   | protein kinase C and casein kinase substrate in neurons 2                    | PACSLIN2 | AA814516 | 2.8 | 2.7 | 3.9 |
| 59113_at   |  |          | AA513002 | 2.8 | 0.8 | 2.1 |
| 75059_at   | bridging integrator 1  | BIN1     | AW009683 | 2.8 | 2.1 | 2.8 |
| 69646_i.at |  |          | AA758581 | 2.8 | 2.5 | 2.8 |
| 82472_at   | hypothetical protein FLJ10392  |          | A1873281 | 2.8 | 0.9 | 2.7 |
| 71094_at   |  |          | AA027791 | 2.8 | 2.2 | 2.8 |
| 57026_s_at | secretory carrier membrane protein 2   | SCAMP2   | AA825494 | 2.8 | 2.1 | 3.1 |
| 45515_s_at | methionine sulfoxide reductase A   | MSRA     | R55759   | 2.8 | 3.1 | 3.3 |
| 44071_at   | anaphase-promoting complex subunit 4   |          | AA604393 | 2.8 | 1.1 | 3.4 |
| 45739_at   | hypothetical protein FLJ11210  |          | AA056538 | 2.8 | 1.5 | 2.3 |
| 59452_at   |  |          | A1719167 | 2.8 | 2.8 | 2.9 |
| 76856_at   |  |          | AW025602 | 2.8 | 1.8 | 2.6 |
| 65830_at   | FXD domain-containing ion transport regulator 5                              | FXYD5    | AA044211 | 2.8 | 2.4 | 2.9 |
| 60871_at   | AD023 protein  |          | A1924180 | 2.8 | 2.5 | 2.8 |
| 61712_at   | hypothetical protein PRO0823   |          | A1990512 | 2.8 | 2.1 | 3.7 |
| 45114_at   |  |          | A1815763 | 2.8 | 2.5 | 2.7 |
| 60289_at   | KIAA1323 protein   |          | A1160081 | 2.8 | 2   | 3.8 |
| 51960_at   | COP22 for nonclathrin coat protein zeta COP                                  |          | A1984000 | 2.8 | 3   | 2.6 |
| 75258_f.at | ets variant gene 5 (ets-related molecule)                                    | ETV5     | AA224344 | 2.8 | 2   | 2.8 |
| 57918_at   | DKFZP586G1517 protein  |          | AA779617 | 2.8 | 2.6 | 2.8 |
| 46887_at   |  |          | A1887726 | 2.8 | 0.9 | 3.4 |
| 46225_at   | MO25 protein   |          | AA524350 | 2.8 | 3.3 | 3.4 |
| 51139_at   | vacuolar protein sorting 29 (yeast homolog)                                  | VPS29    | A1650545 | 2.8 | 2.1 | 3.6 |
| 64005_at   | integral inner nuclear membrane protein                                      |          | AA218866 | 2.8 | 2.4 | 2.4 |

Figure 11SSSSSS

|            |  |  |  |          |     |     |     |
|------------|--|--|--|----------|-----|-----|-----|
| 74557_s.at | seladin-1  |  |  | A1739473 | 2.8 | 2.6 | 2.8 |
| 74895_at   | endoplasmic reticulum glycoprotein   |  |  | A1986375 | 2.8 | 1.6 | 5.2 |
| 47056_at   |  |  |  | AA496318 | 2.8 | 1.2 | 2.1 |
| 48511_at   | TRIAD3 protein   |  |  | H08320   | 2.8 | 1.4 | 3.2 |
| 65798_at   |  |  |  | A1684486 | 2.8 | 1.4 | 2.3 |
| 55658_at   |  |  |  | R76178   | 2.8 | 2.5 | 2.8 |
| 57299_s.at | related RAS viral (r-ras) oncogene homolog   |  |  | RRAS     | 2.8 | 2.2 | 2.8 |
| 48005_at   |  |  |  | T54317   | 2.8 | 2.2 | 3.5 |
| 39812_at   | mitochondrial ribosomal protein L12  |  |  | A1862553 | 2.8 | 2.8 | 2.6 |
| 38985_at   | leptin receptor overlapping transcript-like 1  |  |  | MRPL12   | 2.7 | 2.2 | 2.8 |
| 39043_at   | actin related protein 2/3 complex, subunit 1A (41 kD)  |  |  | AF063605 | 2.7 | 1.5 | 1.5 |
| 677_s.at   | acid phosphatase 5, tartrate resistant   |  |  | ARPC1B   | 2.7 | 1.3 | 4.3 |
| 34946_at   | immunoglobulin superfamily, member 6   |  |  | ACP5     | 2.7 | 0   | 2.2 |
| 34960_g.at | Fc fragment of IgE, low affinity II, receptor for (CD23A)  |  |  | IGSF6    | 2.7 | 1.7 | 2.7 |
| 31852_at   | hypothetical protein DKFZp564O043  |  |  | FCER2    | 2.7 | 1.8 | 2.8 |
| 31583_at   | ribosomal protein S8   |  |  | AL050390 | 2.7 | 1.2 | 2.6 |
| 32120_at   | mitotic spindle coiled-coil related protein  |  |  | RPS8     | 2.7 | 2.2 | 3.8 |
| 39184_at   | transcription elongation factor B (SIII), polypeptide 2 (18kD, elongin B)                            |  |  | AF063308 | 2.7 | 2.4 | 2.1 |
| 32212_at   | programmed cell death 8 (apoptosis-inducing factor)  |  |  | A1857469 | 2.7 | 1.9 | 2.9 |
| 33815_at   | uridine monophosphate synthetase (orotate phosphoribosyl transferase and orotidine-5'-decarboxylase) |  |  | PDCD8    | 2.7 | 2   | 2.7 |
| 41271_at   | solute carrier family 7 (cationic amino acid transporter, y+ system), member 8                       |  |  | UMPS     | 2.7 | 2.2 | 2.9 |
| 41642_at   | SMA5   |  |  | SLC7A8   | 2.7 | 2   | 2.6 |
| 810_at     | Rho guanine nucleotide exchange factor (GEF) 1   |  |  | X75940   | 2.7 | 2.4 | 2.5 |
| 33925_at   | neurogranin (protein kinase C substrate, RC3)  |  |  | ARGHGF1  | 2.7 | 1.5 | 2.9 |
| 33244_at   | chimerin (chimaerin) 2   |  |  | NRGN     | 2.7 | 2.7 | 2.7 |
| 34866_at   |  |  |  | CHN2     | 2.7 | 2.5 | 2.5 |
| 35306_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 15  |  |  | AF055029 | 2.7 | 1.2 | 2.7 |
| 36758_at   |  |  |  | AB001636 | 2.7 | 2.1 | 3.3 |
| 37310_at   | plasma membrane activator, urokinase   |  |  | AF070578 | 2.7 | 2.2 | 2.7 |
| 37652_at   | calcineurin binding protein 1  |  |  | PLAU     | 2.7 | 1.8 | 2.6 |
| 37272_at   | inositol 1,4,5-trisphosphate 3-kinase B  |  |  | AB002328 | 2.7 | 2.1 | 2.8 |
| 37690_at   | ilvB (bacterial acetolactate synthase)-like  |  |  | ITPKB    | 2.7 | 0   | 2.5 |
|            |  |  |  | ILVBL    | 2.7 | 2.1 | 2.8 |

Figure 11TTTTT







|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 1558_g_at  | p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related)                           | PAK1    | U24152   | 2.6 | 1.7 | 2.3 |
| 37720_at   | heat shock 60kD protein 1 (chaperonin)  | HSPD1   | M22382   | 2.6 | 1.6 | 3.4 |
| 37598_at   | Ras association (RalGDS/AF-6) domain family 2                                     | RASSF2  | D79990   | 2.6 | 1.3 | 2.5 |
| 33123_at   | HRIHFB2206 protein  |         | L10379   | 2.6 | 2.3 | 2.3 |
| 38257_at   | NADH dehydrogenase (ubiquinone) Fe-S protein 8 (23kD) (NADH-coenzyme Q reductase) | NDUFS8  | AF038406 | 2.6 | 1.7 | 2.7 |
| 891_at     | YY1 transcription factor  | YY1     | M77698   | 2.6 | 0.8 | 2.9 |
| 33451_s_at | ribosomal protein L22   | RPL22   | A1526079 | 2.6 | 2.1 | 2.7 |
| 56375_at   | androgen induced protein  |         | A1468699 | 2.6 | 2.3 | 2.5 |
| 42963_at   |   |         | A1924940 | 2.6 | 2.4 | 2   |
| 65126_at   | major histocompatibility complex, class II, DN alpha                              | HLA-DNA | A1692538 | 2.6 | 2   | 2.6 |
| 64372_r_at | isocitrate dehydrogenase 1 (NADP+), soluble                                       | IDH1    | A1971036 | 2.6 | 1.1 | 2.7 |
| 57494_at   |   |         | A1937449 | 2.6 | 2.2 | 3.5 |
| 59457_at   |   |         | A1765712 | 2.6 | 1.6 | 2   |
| 64148_at   |   |         | AW016356 | 2.6 | 2.2 | 2.5 |
| 59504_at   |   |         | AA932206 | 2.6 | 2.6 | 2.5 |
| 61906_at   | hypothetical protein FLJ20668   |         | T66305   | 2.6 | 2.4 | 2.7 |
| 49349_at   | PP2135 protein  |         | W72919   | 2.6 | 2.6 | 2.7 |
| 49559_at   |   |         | A1632438 | 2.6 | 1.6 | 2.5 |
| 58235_at   | hypothetical protein FLJ10540   |         | A1674163 | 2.6 | 2.6 | 2.5 |
| 48638_at   | hypothetical protein FLJ11151   |         | AA570555 | 2.6 | 2.1 | 2.4 |
| 57061_at   | HSPC141 protein   |         | U83510   | 2.6 | 2.6 | 3.1 |
| 64000_s_at | tumor protein p53-binding protein, 1  | TP53BP1 | AW008856 | 2.6 | 1.6 | 3.2 |
| 84668_at   | LENG1 protein   |         | A1701895 | 2.6 | 2.1 | 3.8 |
| 85006_at   |   |         | AA601045 | 2.6 | 2.6 | 2.6 |
| 58858_s_at | CGI-07 protein  |         | AW004635 | 2.6 | 1.7 | 3   |
| 59095_at   |   |         | N36764   | 2.6 | 2.6 | 2.4 |
| 45288_at   | lipase protein  |         | AA209239 | 2.6 | 0.4 | 2.1 |
| 59659_at   | BCM-like membrane protein precursor   |         | A1697841 | 2.6 | 1.9 | 2.2 |
| 71059_at   |   |         | A1652721 | 2.6 | 2.2 | 2.4 |
| 49015_at   | density-regulated protein   | DENR    | AA149864 | 2.6 | 1.4 | 3.5 |
| 78002_at   |   |         | A1760531 | 2.6 | 1.9 | 2.6 |
| 57954_at   |   |         | N37023   | 2.6 | 1.8 | 2.2 |
| 49315_at   |   |         | N90917   | 2.6 | 2.4 | 2.2 |
| 43401_at   |   |         | A1742497 | 2.6 | 1.3 | 2.7 |

Figure 11 WWWWWW

|            |   |        |          |     |     |     |
|------------|---|--------|----------|-----|-----|-----|
| 44740_at   | hypothetical protein FLJ20343   |        | W73280   | 2.6 | 1.8 | 2.8 |
| 50429_at   | hypothetical protein FLJ20640   |        | AA292217 | 2.6 | 1.8 | 2.5 |
| 43977_at   | hypothetical protein FLJ20422   |        | AI660497 | 2.6 | 2.5 | 2.7 |
| 55526_at   |   |        | AA923355 | 2.6 | 1.7 | 4.2 |
| 45714_at   | hypothetical protein FLJ20568   |        | AA436930 | 2.6 | 1.8 | 1.5 |
| 58595_f_at | CD24 antigen (small cell lung carcinoma cluster 4 antigen)                                    | CD24   | AA551303 | 2.6 | 3   | 4.3 |
| 64104_at   | hypothetical protein dJ551D2.5  |        | AI627538 | 2.6 | 2.2 | 2.5 |
| 51099_s_at | coactivator independent of AF-2 (CIA); KIAA1637 protein                                       |        | AA526554 | 2.6 | 2.6 | 3   |
| 53802_at   |   |        | AA151838 | 2.6 | 1.8 | 2.6 |
| 60521_at   |   |        | AL043931 | 2.6 | 2.4 | 3.9 |
| 64087_l_at | hypothetical protein FLJ12171   |        | AI022065 | 2.6 | 1.9 | 2.6 |
| 53361_at   |   |        | H40238   | 2.6 | 2.4 | 2.4 |
| 65869_at   | kelch-like protein C3IP1  |        | U69560   | 2.6 | 1.1 | 2.6 |
| 54186_at   |   |        | H64938   | 2.6 | 1.6 | 2.3 |
| 44143_at   | McKusick-Kaufman syndrome   | MKKS   | AA399076 | 2.6 | 3.1 | 3.5 |
| 64263_s_at |   |        | AA725421 | 2.6 | 1.7 | 4.1 |
| 46226_at   | HSPC142 protein   |        | AA610145 | 2.6 | 2.3 | 3   |
| 54026_at   |   |        | W20090   | 2.6 | 2   | 1   |
| 75187_f_at | alpha-2-macroglobulin   |        | R83372   | 2.6 | 0.5 | 2.9 |
| 47405_f_at | prohibitin  | A2M    | AA512948 | 2.6 | 1.5 | 2.5 |
| 50341_s_at | ribonuclease 6 precursor  | PHB    | AI986481 | 2.6 | 2.4 | 2.9 |
| 55091_at   | phosphoinositol 3-phosphate-binding protein.2   |        | AI341312 | 2.6 | 2.5 | 2.8 |
| 75352_s_at | cytosolic acyl coenzyme A thioester hydrolase   |        | AW025033 | 2.6 | 1.1 | 2.6 |
| 74541_at   | low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)                    | LRP1   | AI969879 | 2.6 | 1.7 | 2.5 |
| 47611_at   | phosphodiesterase 4A, cAMP-specific (dunce (Drosophila) homolog phosphodiesterase E2)         | PDE4A  | AA523395 | 2.6 | 2.1 | 2.9 |
| 41406_at   | hypothetical protein FLJ21919   |        | AL080172 | 2.5 | 2.1 | 2.5 |
| 39000_at   | N-myristoyltransferase 1  | NMT1   | AF043324 | 2.5 | 1.4 | 1.7 |
| 763_at     | glia maturation factor, beta  | GMFB   | AB001106 | 2.5 | 1.1 | 3.6 |
| 652_g_at   | replication protein A3 (14KD)   | RPA3   | L07493   | 2.5 | 2.1 | 2.3 |
| 40843_at   | integrin cytoplasmic domain-associated protein 1  |        | AF012023 | 2.5 | 2.3 | 2.1 |
| 37200_at   | Fc fragment of IgG, low affinity IIb, receptor for (CD16)                                     | FCGR3B | J04162   | 2.5 | 0.5 | 2.3 |
| 41205_at   | ubiquitin protein ligase E3A (human papilloma virus E6-associated protein, Angelman syndrome) | UBE3A  | U84404   | 2.5 | 0   | 2.2 |

Figure 11XXXXXX

|            |   |          |          |     |     |     |
|------------|---|----------|----------|-----|-----|-----|
| 41214_at   | ribosomal protein S4, Y-linked  | RPS4Y    | M58459   | 2.5 | 2   | 2.7 |
| 41732_at   |   |          | AA310786 | 2.5 | 1.1 | 2.4 |
| 41746_at   | non-histone chromosome protein 2 (S. cerevisiae)-like 1                                     | NHP2L1   | Z83840   | 2.5 | 2.4 | 2.4 |
| 954_s_at   | protein phosphatase 1, catalytic subunit, alpha isoform                                     | PPP1CA   | X70848   | 2.5 | 2.6 | 3.3 |
| 33333_at   | KIAA0403 protein  |          | AB007863 | 2.5 | 1.9 | 2.3 |
| 34191_at   |   |          | AB002445 | 2.5 | 1.2 | 2.9 |
| 33915_at   | melanoma adhesion molecule  | MCAM     | W22655   | 2.5 | 1.4 | 2.5 |
| 34256_at   | sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 synthase)  | SIAT9    | AB018356 | 2.5 | 0   | 2.5 |
| 39248_at   | aquaporin 3   | AQP3     | N74607   | 2.5 | 2.5 | 2.4 |
| 41236_at   | hypothetical protein  |          | U79252   | 2.5 | 2.1 | 2.5 |
| 34748_at   | KIAA0846 protein  |          | AB020653 | 2.5 | 0.8 | 2.3 |
| 35172_at   | tyrosylprotein sulfotransferase 2   | TPST2    | AF049891 | 2.5 | 2.2 | 2.6 |
| 39076_s_at | DR1-associated protein 1 (negative cofactor 2 alpha)  | DRAP1    | AI991040 | 2.5 | 0.1 | 2.9 |
| 34402_at   | unr-interacting protein   |          | AB024327 | 2.5 | 1.6 | 4.4 |
| 35309_at   | suppression of tumorigenicity 14 (colon carcinoma, matrilysin, epithin)                     | ST14     | U20428   | 2.5 | 2   | 1.3 |
| 36561_at   | propionyl Coenzyme A carboxylase, beta polypeptide  | PCCB     | X73424   | 2.5 | 1.9 | 2.5 |
| 36169_at   | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 (7.5kD, MWFE)                         | NDUFA1   | N47307   | 2.5 | 1.3 | 4.2 |
| 36938_at   | N-acylsphingosine amidohydrolase (acid ceramidase)  | ASAH     | U70063   | 2.5 | 0   | 2.8 |
| 32553_at   | MYC-associated zinc finger protein (purine-binding transcription factor)                    | MAZ      | M94046   | 2.5 | 1.9 | 2.5 |
| 32569_at   | platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (45kD)                | PAFAH1B1 | L13385   | 2.5 | 1.5 | 2.7 |
| 37408_at   | endocytic receptor (macrophage mannose receptor family)                                     |          | AB014609 | 2.5 | 2.2 | 2.3 |
| 37740_r_at | solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 5 | SLC25A5  | J02683   | 2.5 | 1.8 | 2.5 |
| 38090_at   | phosphatidylserine decarboxylase  | PSD      | AL050371 | 2.5 | 2.5 | 2.5 |
| 38443_at   | son of sevenless (Drosophila) homolog 1   | SOS1     | U79291   | 2.5 | 1.4 | 2.1 |
| 40756_at   | nucleophosmin/nucleoplasmin 3   | NPM3     | AF081280 | 2.5 | 2.2 | 2.2 |
| 40758_at   | immature colon carcinoma transcript 1   | ICT1     | X81788   | 2.5 | 1.3 | 2.5 |
| 2028_s_at  | E2F transcription factor 1  | E2F1     | M96577   | 2.5 | 2.5 | 2.8 |
| 39155_at   | proteasome (prosome, macropain) 26S subunit, non-ATPase, 3                                  | PSMD3    | D67025   | 2.5 | 1.6 | 3.7 |
| 41084_at   |   |          | AI659108 | 2.5 | 1.7 | 2   |

Figure 11YYYYYY

|            |  |        |          |     |     |     |
|------------|--|--------|----------|-----|-----|-----|
| 57346_at   | Mad4 homolog   |        | AA831438 | 2.5 | 3   | 3.6 |
| 56197_at   | phospholipid scramblase 3  |        | AI783924 | 2.5 | 2.3 | 2.6 |
| 48852_at   | hypothetical protein DKFZp434H0820   |        | AI346327 | 2.5 | 1.8 | 2.8 |
| 51684_at   | hypothetical protein DKFZp434F0272   |        | W76160   | 2.5 | 1.8 | 2.3 |
| 66269_at   |  |        | AA669114 | 2.5 | 2   | 2.1 |
| 88767_at   |  |        | AW008519 | 2.5 | 2.5 | 2.5 |
| 55586_at   | period (Drosophila) homolog 3  | PER3   | AA541537 | 2.5 | 1.6 | 3.9 |
| 50890_at   | L2DTL protein  |        | AI800576 | 2.5 | 2.5 | 2   |
| 57809_at   | presenilins associated rhomboid-like protein   |        | W63675   | 2.5 | 2.8 | 3   |
| 61541_at   |  |        | AI160808 | 2.5 | 2   | 2.7 |
| 62273_at   |  |        | AI766808 | 2.5 | 2.5 | 2.3 |
| 91825_at   |  |        | AI375222 | 2.5 | 2.5 | 2.5 |
| 54787_at   |  |        | AA046849 | 2.5 | 1.6 | 1.4 |
| 59809_f_at | poly(A)-binding protein, cytoplasmic 1   | PABPC1 | AW020548 | 2.5 | 2.2 | 4.1 |
| 43403_at   | methylene tetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase | MTHFD1 | AA618429 | 2.5 | 1.1 | 2.3 |
| 59681_at   | laminin receptor 1 (67kD, ribosomal protein SA)  | LAMR1  | AA468402 | 2.5 | 2.1 | 3.1 |
| 48597_at   |  |        | AI871648 | 2.5 | 1.3 | 0.2 |
| 45268_at   |  |        | AA205531 | 2.5 | 1.5 | 2   |
| 59091_at   |  |        | AI799698 | 2.5 | 2.4 | 2.8 |
| 45475_f_at | hypothetical protein FLJ10120  |        | AW006786 | 2.5 | 1.3 | 2.8 |
| 48417_r_at | hypothetical protein PRO2849   |        | AA636101 | 2.5 | 2.1 | 2.4 |
| 56287_at   |  |        | AI801756 | 2.5 | 1.8 | 2.2 |
| 60821_at   | KIAA1226 protein   |        | AW006938 | 2.5 | 2.3 | 2.1 |
| 50198_at   |  |        | AI208272 | 2.5 | 2.5 | 2.5 |
| 44036_at   |  |        | N28741   | 2.5 | 1   | 1.8 |
| 50251_at   |  |        | AA524283 | 2.5 | 2   | 2.6 |
| 45354_at   |  |        | AA658561 | 2.5 | 2.1 | 2.5 |
| 43947_at   | hypothetical protein FLJ11323  |        | AA669327 | 2.5 | 2.5 | 2.7 |
| 89584_at   | protease, serine, 15   | PRSS15 | AI817597 | 2.5 | 0.9 | 2.9 |
| 54962_f_at | putative secreted protein  |        | AI830110 | 2.5 | 2.1 | 2.3 |
| 48051_at   | cell death-inducing DFFA-like effector b   | CIDEb  | AA148543 | 2.5 | 1.8 | 2.7 |
| 51186_at   |  |        | AI743603 | 2.5 | 2.3 | 1.5 |
| 44519_at   |  |        | AI140754 | 2.5 | 2.2 | 3.1 |

Figure 11ZZZZZZ.

|            |  |         |          |     |     |     |
|------------|--|---------|----------|-----|-----|-----|
| 45149_at   | suppressor of variegation 3-9 (Drosophila) homolog 1                                     | SUV39H1 | AA604816 | 2.5 | 2.2 | 2.5 |
| 64651_at   |  |         | AI818631 | 2.5 | 0.5 | 1.6 |
| 74703_f_at | ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9) isoform 3 | ATP5G3  | N91473   | 2.5 | 1.4 | 3.1 |
| 45217_at   | platelet derived growth factor C   | PDGFC   | AA631149 | 2.5 | 2.1 | 2.4 |
| 45599_at   | triggering receptor expressed on myeloid cells 2   |         | N30858   | 2.5 | 2.5 | 2.5 |
| 53215_at   |  |         | AI636250 | 2.5 | 1.7 | 1.7 |
| 51793_s_at | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLRQ)                        | NDUFA4  | AA890044 | 2.5 | 1.3 | 3.5 |
| 57828_at   | ubiquitin A 52 residue ribosomal protein fusion product 1                                | UBA52   | AI857945 | 2.5 | 2.5 | 4.2 |
| 46130_at   |  |         | AL042817 | 2.5 | 1.9 | 1.7 |
| 64467_at   |  |         | N21390   | 2.5 | 1.5 | 2.5 |
| 48747_at   | phosphatidylinositol-4-phosphate 5-kinase, type II, beta                                 | PIP5K2B | AI982873 | 2.5 | 2.3 | 2.8 |
| 63259_s_at | docking protein 2, 56kD  | DOK2    | AA864400 | 2.5 | 2.5 | 2.4 |
| 47139_at   |  |         | AA481256 | 2.5 | 2.1 | 2.8 |
| 46688_at   | phenylalanyl-tRNA synthetase beta-subunit  |         | AA639795 | 2.5 | 2.1 | 2.7 |
| 47627_at   | cytochrome P540, subfamily IIS, polypeptide 1  |         | AI445492 | 2.5 | 2.5 | 2.5 |

Figure 11AAAAAAAA

| affyID    | Gene Name   | Gene Symbol | GBA      | Score_Ecoli | Score_Candida | Score_Influenza |
|-----------|---|-------------|----------|-------------|---------------|-----------------|
| 1520_s_at | endothelin 1  | EDN1        | J05008   | 4444        | 283.5         | 113.7           |
| 563_at    | interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40) | IL12B       | M65290   | 2449.1      | 761.6         | 1.2             |
| 1369_s_at | interleukin 8   | IL8         | M28130   | 2300.5      | 32.6          | 122.1           |
| 35822_at  | B-factor, propeptide  | BF          | L15702   | 1635.7      | 287.1         | 17.3            |
| 38299_at  | interleukin 6 (interferon, beta 2)  | IL6         | X04430   | 1566.4      | 101.3         | 227.7           |
| 40385_at  | small inducible cytokine subfamily A (Cys-Cys), member 20   | SCYA20      | U64197   | 943.4       | 28.3          | 53.8            |
| 91636_at  |   |             | A1652725 | 886.7       | 27.7          | 7               |
| 1404_r_at | small inducible cytokine A5 (RANTES)  | SCYA5       | M21121   | 834.8       | 134.8         | 250.1           |
| 1491_at   | pentaxin-related gene, rapidly induced by IL-1 beta   | PTX3        | M31166   | 827.3       | 8.9           | 79              |
| 37187_at  | GRO2 oncogene   | GRO2        | M36820   | 785         | 32            | 26.1            |
| 1372_at   | tumor necrosis factor, alpha-induced protein 6  | TNFAIP6     | M31165   | 573.9       | 37.7          | 75.1            |
| 2002_s_at | BCL2-related protein A1   | BCL2A1      | U27467   | 547.8       | 65.2          | 70.5            |
| 1069_at   | prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)                     | PTGS2       | U04636   | 495.3       | 26.7          | 53.1            |
| 77706_at  |   |             | AA641972 | 493         | 59            | 7.8             |
| 408_at    | GRO1 oncogene (melanoma growth stimulating activity, alpha)   | GRO1        | X54489   | 486.7       | 11.5          | 7.1             |
| 32818_at  | hexabrachion (tenascin C, cytotoxic)  | HXB         | X78565   | 474.9       | 37.3          | 1.5             |
| 39402_at  | interleukin 1, beta   | IL1B        | M15330   | 468.5       | 30.5          | 12.2            |
| 36067_at  | small inducible cytokine subfamily A (Cys-Cys), member 19   | SCYA19      | AB000887 | 394.2       | 25.2          | 2.8             |
| 926_at    | metallothionein 1G  | MT1G        | J03910   | 370.2       | 0.5           | 1.5             |
| 53579_at  | aldehyde dehydrogenase 9 (gamma-aminobutyraldehyde dehydrogenase, E3 isozyme)                             | ALDH9       | A1127172 | 326.5       | 3.6           | 2.1             |
| 41471_at  | S100 calcium-binding protein A9 (calgranulin B)   | S100A9      | W72424   | 313.3       | 0.5           | 0.8             |
| 43853_at  | hypothetical protein  |             | AA618602 | 296.2       | 15.3          | 18.6            |
| 1021_at   | interferon, gamma   | IFNG        | J00219   | 289.9       | 58.8          | 36.2            |
| 41531_at  | transmembrane 4 superfamily member 1  | TMSF1       | A1445461 | 278         | 0.8           | 1.3             |
| 61818_at  |   |             | A1970348 | 255         | 32.3          | 2.5             |
| 35577_at  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 7                                  | SERPINF7    | AF027866 | 262.3       | 26.1          | 5.6             |
| 34929_at  | tumor necrosis factor receptor superfamily, member 8  | TNFRSF8     | M83554   | 255.9       | 0             | 0.8             |
| 33955_at  | interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) | IL12A       | M65291   | 250.2       | 18.4          | 14.6            |

Figure 12A



|            |  |        |          |       |      |      |
|------------|--|--------|----------|-------|------|------|
| 41096_at   | S100 calcium-binding protein A8 (calgranulin A)  | S100A8 | AI126134 | 249.4 | 0    | 6.9  |
| 39827_at   | hypothetical protein   |        | AA522530 | 245.1 | 38.4 | 14.6 |
| 41468_at   | T cell receptor gamma locus  | TRG@   | M30894   | 245.1 | 5    | 1    |
| 35000_at   | tumor necrosis factor (ligand) superfamily, member 9                                       | TNFSF9 | U03398   | 232.3 | 2.9  | 3.1  |
| 33965_at   | small inducible cytokine A1 (I-309, homologous to mouse Tca 3)                             | SCYA1  | M57506   | 216.3 | 0    | 7.8  |
| 36116_at   | thyroid hormone receptor interactor 10   | TRIP10 | AJ000414 |       |      |      |
| 1400_at    | colony stimulating factor 2 (granulocyte-macrophage)                                       | CSF2   | M13207   | 215.9 | 56.7 | 7    |
| 47855_at   | interleukin 19   | IL19   | AA151656 | 205.5 | 0    | 1    |
| 33789_at   | small inducible cytokine A5 (RANTES)   | SCYA5  | AF088219 | 191.5 | 64.1 | 0.5  |
| 33513_at   | signaling lymphocytic activation molecule  | SLAM   | U33017   | 178.3 | 14.3 | 1.2  |
| 58918_at   |  |        | AA210892 | 176.1 | 24   | 34.8 |
| 41104_at   | small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant) | SCYB13 | AF044197 | 171.2 | 0    | 2.3  |
| 1334_s_at  | colony stimulating factor 3 (granulocyte)  | CSF3   | X03656   | 167   | 1.2  | 7.2  |
| 31623_f_at | metallothionein 1A (functional)  | MT1A   | K01383   | 160.3 | 22.3 | 49.7 |
| 33364_at   | similar to rat myomegalin  |        | U51694   | 156   | 28.9 | 2.9  |
| 36296_at   | lymphotoxin alpha (TNF superfamily, member 1)  | LTA    | D12614   | 154   | 62.8 | 28.5 |
| 72840_at   | 19A24 protein  |        | A1638519 | 149.1 | 43.6 | 23.3 |
| 49076_at   | SGRF protein, Interleukin 23 p19 subunit   |        | A1796983 | 147.7 | 0.3  | 2.3  |
| 41870_at   | lung type-I cell membrane-associated glycoprotein  |        | AF030428 | 143.7 | 0    | 1.2  |
| 34666_at   | superoxide dismutase 2, mitochondrial  |        | X07834   | 141.3 | 63.1 | 42.3 |
| 32114_s_at | adenosine A2a receptor   | SOD2   | S46950   | 137.9 | 31   | 27.9 |
| 48919_at   | potassium inwardly rectifying channel, subfamily J, member 2                               | KCNJ2  | AA393850 | 130   | 11.2 | 13.1 |
| 63335_at   | sorting nexin 10   |        | A1285531 | 127.4 | 55.8 | 74.2 |
| 48753_at   | PPAR(gamma) angiopoietin related protein   |        | N57259   | 126   | 7.9  | 14.7 |
| 37319_at   | insulin-like growth factor binding protein 3   | IGFBP3 | M35878   | 125.2 | 7    | 1.3  |
| 46468_at   |  |        | A1735586 | 122.3 | 4.7  | 0.2  |
| 1548_s_at  | interleukin 10   | IL10   | U16720   | 121.9 | 4.3  | 3.2  |
| 57440_r_at |  |        | AW014801 | 120.2 | 4    | 10.2 |
| 84995_at   |  |        | AA769482 | 117.4 | 12.2 | 6.6  |
| 50978_at   | putative secreted ligand homologous to Ix1   | hix    | AI338625 | 117.2 | 3.8  | 3.3  |
| 609_f_at   | metallothionein 1B (functional)  | MT1B   | M13485   | 116.3 | 11.1 | 20.1 |
| 63066_at   |  |        | AA001735 | 113   | 12.6 | 9.6  |

Figure 12B

|            |  |          |          |       |      |      |
|------------|--|----------|----------|-------|------|------|
| 58957_at   | hypothetical protein FLJ20637  |          | A1620475 | 108.9 | 42.7 | 28.3 |
| 36070_at   | KIAA1199 protein   |          | AL049389 | 108.4 | 0    | 2.9  |
| 33282_at   | ladinin 1  | LAD1     | U42408   | 107.2 | 2.4  | 4.4  |
| 36454_at   | carbonic anhydrase XII   | CA12     | AF037335 | 103   | 0    | 1.1  |
| 70594_at   |  |          | A1819198 | 102.7 | 8.4  | 2.5  |
| 82795_at   |  |          | A1793037 | 102.4 | 0    | 1.4  |
| 31622_f.at | metallothionein 1F (functional)  | MT1F     | M10943   | 101.8 | 13.1 | 32.6 |
| 33055_at   | cytochrome P450, subfamily VIIIB (oxysterol 7 alpha-hydroxylase), polypeptide 1                  | CYP7B1   | AF029403 | 99.5  | 17.6 | 1.2  |
| 70097_at   | indoleamine-pyrrole 2,3 dioxygenase  | INDO     | A1302268 | 99.5  | 29.8 | 39.9 |
| 73341_at   |  |          | AA678425 | 99.2  | 1.2  | 0    |
| 59805_f.at |  |          | A1636743 | 98.2  | 2.6  | 6.6  |
| 38909_at   | cytochrome P450, subfamily XXVIB (25-hydroxyvitamin D-1-alpha hydroxylase), polypeptide 1        | CYP27B1  | AB005038 | 98.2  | 17.2 | 2.9  |
| 87651_at   |  |          | A1800110 | 95.3  | 10.5 | 1    |
| 75146_at   |  |          | AL047300 | 94.9  | 18.8 | 0.5  |
| 76710_at   | cardiotrophin-like cytokine; neurotrophin-1/B-cell stimulating factor-3                          |          | A1040033 | 92.7  | 4.7  | 4    |
| 32984_s.at | chloride channel Kb  | CLCNKB   | Z30644   | 92.3  | 5    | 5    |
| 1004_at    | Burkitt lymphoma receptor 1, GTP-binding protein   | BLP1     | X68149   | 92    | 0.2  | 11.5 |
| 56246_at   | 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3   | PFKFB3   | A1765775 | 91    | 6.2  | 11.3 |
| 1911_s.at  | growth arrest and DNA-damage-inducible, alpha  | GADD45A  | M60974   | 88.7  | 5    | 2.7  |
| 38428_at   | matrix metalloproteinase 1 (interstitial collagenase)  | MMP1     | M13509   | 87.8  | 0    | 0.3  |
| 37407_s.at | myosin, heavy polypeptide 11, smooth muscle  | MYH11    | AF013570 | 87    | 17.5 | 7    |
| 45237_at   | superoxide dismutase 2, mitochondrial  | SOD2     | AA142976 | 84.4  | 32.6 | 17.7 |
| 1549_s.at  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4                         | SERPINF4 | U19557   | 81.2  | 0.7  | 1.1  |
| 1693_s.at  | tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor) | TIMP1    | D11139   | 79.8  | 1    | 0.9  |
| 60032_at   |  |          | A1984197 | 79    | 0.2  | 0.9  |
| 36130_f.at | metallothionein 1E (functional)  | MT1E     | R92331   | 78.7  | 4.6  | 8.6  |
| 57711_at   |  |          | AA576959 | 78.3  | 9.8  | 0.7  |
| 35844_at   | syndecan 4 (amphiglycan, ryudocan)   | SDC4     | D79206   | 77.4  | 5.8  | 20.7 |
| 85561_at   |  |          | AL079435 | 76.5  | 7.7  | 0.6  |
| 40687_at   | gap junction protein, alpha 4, 37kD (connexin 37)  | GJA4     | M96789   | 74    | 13.5 | 4.2  |

Figure 12C



|            |  |          |          |      |      |      |
|------------|--|----------|----------|------|------|------|
| 1891_at    | mitogen-activated protein kinase Kinase Kinase 8   | MAP3K8   | D14497   | 53.8 | 4.5  | 11.2 |
| 76762_at   |  |          | A1246590 | 53.8 | 8.9  | 10.2 |
| 48757_at   | EH domain containing 1   | EHD1     | A1986040 | 53.8 | 2.9  | 4.2  |
| 64603_at   |  |          | N47335   | 53.7 | 5.7  | 8.2  |
| 47287_at   |  |          | A1475473 | 53.5 | 2.5  | 6.9  |
| 48676_at   |  |          | AL046192 | 53.3 | 0    | 0    |
| 37185_at   | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2                           | SERPINE2 | Y00630   | 52.6 | 0    | 0    |
| 40670_at   | kynureninase (L-kynurenine hydrolase)  | KYNU     | A1148772 | 52.5 | 13.6 | 7.9  |
| 37137_at   | granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)                       | GZMB     | M17016   | 52.3 | 9.1  | 15.3 |
| 80773_at   |  |          | H15073   | 51.8 | 9.8  | 13.9 |
| 48025_at   | NCK adaptor protein 2  | NCK2     | A1934552 | 51.7 | 5.9  | 6.9  |
| 222_at     | exostosins (multiple) 1  | EXT1     | S79639   | 50.9 | 5    | 9.8  |
| 37451_at   |  |          | AL109695 | 50.6 | 4.8  | 5.8  |
| 35143_at   | KIAA1031 protein   |          | AL138605 | 50.6 | 24.1 | 4.6  |
| 37716_at   | antigen identified by monoclonal antibody MRC OX 2   | MOX2     | X05323   | 50.5 | 7    | 0    |
| 82532_at   |  |          | A1821392 | 50   | 4    | 1.7  |
| 36100_at   | vascular endothelial growth factor   | VEGF     | AF022375 | 49.9 | 11.8 | 9.8  |
| 48506_at   | hypothetical protein FLJ12614 similar to nucleoredoxin   |          | A1358871 | 49.8 | 0.9  | 0.4  |
| 51075_at   | pannexin 1   | PANX1    | AA115920 | 49.5 | 3.9  | 1.1  |
| 32527_at   | adipose specific 2   |          | A1381790 | 49.3 | 1.4  | 1.4  |
| 55022_at   |  |          | N58182   | 49.2 | 1.3  | 21.8 |
| 36781_at   | serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 | SERPINA1 | X01683   | 48.8 | 2.5  | 2.4  |
| 38879_at   | S100 calcium-binding protein A12 (calgranulin C)   | S100A12  | D83664   | 48.3 | 0    | 6.6  |
| 1583_at    | tumor necrosis factor receptor superfamily, member 1B  | TNFRSF1B | M32315   | 48   | 3.4  | 3.1  |
| 72721_at   |  |          | A1830607 | 47.1 | 3.3  | 1.4  |
| 41779_at   | regulator of G-protein signalling 16   | RGS16    | U70426   | 46.6 | 1.8  | 13   |
| 56392_at   | prostaglandin E synthase   | PTGES    | T03380   | 46.5 | 2    | 5    |
| 57027_at   | retinoic acid induced 3  | RAI3     | A1990405 | 46.5 | 0.2  | 0.2  |
| 44790_s_at |  |          | A1129310 | 45.7 | 0.8  | 0.8  |
| 54565_at   |  |          | AA149736 | 45.6 | 8.7  | 10.3 |
| 58667_at   |  |          | AA442239 | 45.4 | 0.4  | 5.5  |
| 529_at     | dual specificity phosphatase 5   | DUSP5    | U15932   | 45   | 12.1 | 10.5 |

Figure 12E

|            |   |          |        |  |          |      |      |      |
|------------|---|----------|--------|--|----------|------|------|------|
| 56561_at   |   |          |        |  | W37880   | 43.8 | 0.1  | 0.1  |
| 53970_at   | dual adaptor of phosphotyrosine and 3-phosphoinositides                       |          |        |  | AF150266 | 43.8 | 9.5  | 3    |
| 84364_at   |   |          |        |  | AA665185 | 43.3 | 3.1  | 1.7  |
| 75246_s_at | solute carrier family 1 (glial high affinity glutamate transporter), member 3 | SLC1A3   |        |  | W26838   | 43.1 | 7.2  | 4.8  |
| 45647_s_at |   |          |        |  | AW005111 | 42.5 | 1.5  | 1.7  |
| 338131_at  | prostaglandin E synthase  | PTGES    |        |  | AF010316 | 42.1 | 0    | 1.2  |
| 43524_at   | KIAA1170 protein  |          |        |  | C14031   | 42.1 | 18.4 | 7.2  |
| 42363_r_at | STAT induced STAT inhibitor 3   |          |        |  | AI680350 | 41.7 | 5.3  | 5.8  |
| 48822_s_at | adenylylate kinase 3  |          | AK3    |  | AW015546 | 41.5 | 6.1  | 0.5  |
| 35694_at   | mitogen-activated protein kinase kinase kinase 4                              |          | MAP4K4 |  | AB014587 | 41.4 | 2.7  | 0.6  |
| 37225_at   | KIAA0172 protein  |          |        |  | D79994   | 41.4 | 3.6  | 10.9 |
| 33849_at   | pre-B-cell colony-enhancing factor  |          |        |  | U02020   | 41   | 8.3  | 16.3 |
| 34439_at   | absent in melanoma 2  | AIM2     |        |  | AF024714 | 40.9 | 18.1 | 16   |
| 58737_at   |   |          |        |  | N27438   | 40.2 | 2.4  | 4.3  |
| 44640_at   |   |          |        |  | W30985   | 40.2 | 11.6 | 8.4  |
| 64333_s_at | pyrophosphatase (inorganic)   | PP       |        |  | AW009649 | 39.9 | 10.9 | 5    |
| 41654_at   | adenosine deaminase   | ADA      |        |  | X02994   | 39.7 | 4.1  | 3.2  |
| 40456_at   | up-regulated by BCG-CWS   |          |        |  | AL049963 | 39.4 | 1.8  | 0    |
| 34022_at   | GRO3 oncogene   | GRO3     |        |  | M36821   | 39.3 | 1.9  | 1.4  |
| 53609_at   |   |          |        |  | C14904   | 39.3 | 1.3  | 22.8 |
| 48014_at   |   |          |        |  | N54957   | 38.8 | 5.2  | 2    |
| 54147_at   | pyruvate dehydrogenase kinase, isoenzyme 4                                    | PDK4     |        |  | AI763378 | 38.3 | 4.5  | 0.6  |
| 68652_at   |   |          |        |  | AI431778 | 38   | 3.8  | 0.6  |
| 67259_at   |   |          |        |  | R56235   | 37.9 | 0    | 6.3  |
| 1343_s_at  | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3      | SERPINB3 |        |  | S66896   | 36.4 | 0    | 0.3  |
| 43456_at   | serine/threonine protein kinase MASK  |          |        |  | AI299952 | 35.5 | 2.6  | 0    |
| 52729_at   | CD44 antigen (homing function and Indian blood group system)                  | CD44     |        |  | AA037772 | 35.3 | 3.3  | 0.6  |
| 64170_at   |   |          |        |  | AI609751 | 35   | 3.2  | 0.5  |
| 32686_at   | prostaglandin E receptor 3 (subtype EP3)                                      | PTGER3   |        |  | D86096   | 34.9 | 2.2  | 2.2  |
| 53261_at   |   |          |        |  | AI337231 | 34.9 | 10.4 | 1.6  |
| 53100_at   | hypothetical protein FLJ10307   |          |        |  | AA747448 | 34.8 | 5.3  | 1.3  |
| 33730_at   | retinoic acid induced 3   | RAI3     |        |  | AF095448 | 34.7 | 1.2  | 4.6  |

Figure 12F

|            |  |        |          |      |     |      |
|------------|--|--------|----------|------|-----|------|
| 36609_at   | solute carrier family 1 (glial high affinity glutamate transporter), member 3  | SLC1A3 | D26443   | 34.2 | 5.8 | 3.4  |
| 52255_s_at | collagen, type V, alpha 3  | COL5A3 | A1984221 | 33.9 | 2.1 | 3.9  |
| 55353_at   |  |        | AA760977 | 33.6 | 6.9 | 6    |
| 46760_r_at |  |        | H38110   | 33.5 | 9.1 | 5.8  |
| 36780_at   | clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J) | CLU    | M25915   | 32.9 | 5   | 8.7  |
| 51026_at   | hypothetical protein PR00813   |        | N30257   | 32.6 | 3.3 | 0    |
| 36543_at   | coagulation factor III (thromboplastin, tissue factor)   | F3     | J02931   | 32.3 | 9.9 | 4.2  |
| 66529_at   |  |        | AA843926 | 32.2 | 3.6 | 9.8  |
| 55063_at   | glutamate decarboxylase 1 (brain, 67kD)  | GAD1   | AL042399 | 31.4 | 5   | 0    |
| 49664_s_at |  |        | AW001427 | 31.3 | 0.1 | 1.4  |
| 32518_at   | zinc finger protein 259  | ZNF259 | AF019767 | 30.5 | 2.7 | 0    |
| 42524_at   |  |        | R37337   | 30.1 | 6.4 | 3.6  |
| 47076_at   |  |        | W87690   | 29.9 | 2.6 | 3.4  |
| 64911_s_at | hypothetical protein FLJ11305  |        | AA854113 | 29.8 | 3.8 | 0    |
| 75742_at   |  |        | A1870617 | 29.7 | 1.4 | 0    |
| 38994_at   | STAT induced STAT inhibitor-2  |        | AF037989 | 29.2 | 6.3 | 1.8  |
| 67764_r_at |  |        | AA004879 | 29   | 4.4 | 11.8 |
| 32863_at   | similar to calcium/calmodulin dependent protein kinases  |        | AL023754 | 28.7 | 7.3 | 1.9  |
| 36139_at   | DKFZP586G0522 protein  |        | AL050289 | 28.5 | 1.5 | 20.1 |
| 53799_at   | hypothetical protein similar to mouse DnaI1  |        | AA628434 | 28.3 | 5   | 0    |
| 40098_at   | EH domain containing 1   | EHD1   | AF001434 | 28.1 | 0.6 | 3.9  |
| 42769_at   |  |        | N46441   | 27.9 | 0.7 | 0.4  |
| 51278_at   |  |        | A1139543 | 27.7 | 2.8 | 2.6  |
| 49670_at   |  |        | W96225   | 27.7 | 2.1 | 0    |
| 40268_at   | FOS-like antigen 2   | FOSL2  | X16706   | 27.6 | 1.7 | 2.1  |
| 47971_at   | ferritin, heavy polypeptide 1  | FTH1   | T92243   | 27.6 | 6.3 | 0.8  |
| 54491_at   |  |        | AA043562 | 27.5 | 3   | 3.1  |
| 48105_at   | latexin protein  |        | A1672094 | 27.4 | 6.5 | 0.9  |
| 63380_at   | hypothetical protein DKFZp434P0531   |        | A1732727 | 27.4 | 5.9 | 4.9  |
| 56500_at   | junctional adhesion molecule   |        | A1241578 | 27.4 | 3.9 | 0    |
| 65628_at   |  |        | AW023171 | 27.4 | 1.6 | 3.4  |
| 38617_at   | LIM domain kinase 2  | LIMK2  | D45906   | 27.3 | 4.4 | 4    |

Figure 12G

|            |   |  |        |          |      |      |      |
|------------|---|--|--------|----------|------|------|------|
| 34777_at   | adrenomedullin  |  | ADM    | D14874   | 27.2 | 8.5  | 7.1  |
| 49249_s_at |   |  |        | AA533079 | 27.1 | 2.8  | 2.5  |
| 44115_at   | hypothetical protein from EUROMAGE 588495   |  |        | AA486504 | 27.1 | 3.1  | 3.8  |
| 56641_at   | liver-expressed antimicrobial peptide   |  |        | A1937227 | 27   | 10.1 | 2.5  |
| 52958_at   |   |  |        | N63458   | 26.5 | 0.8  | 0    |
| 38970_s_at | Nef-associated factor 1   |  |        | AJ011896 | 26.4 | 7.6  | 4.2  |
| 44344_at   | H2B histone family, member L  |  | H2BFL  | AA557205 | 26.4 | 3.9  | 0.5  |
| 40496_at   | complement component 1, s subcomponent  |  | C1S    | J04080   | 26.3 | 5.6  | 7.9  |
| 52665_at   |   |  |        | H16258   | 26.3 | 0.6  | 2.6  |
| 46709_at   | hypothetical protein from EUROMAGE 1955967  |  |        | A1807170 | 26.2 | 0.8  | 0    |
| 56871_at   |   |  |        | A1953847 | 25.7 | 8.6  | 12.8 |
| 59105_at   | mitochondrial solute carrier  |  |        | A1862097 | 25.7 | 4.2  | 2.1  |
| 39942_at   | basic leucine zipper transcription factor, ATF-like                               |  | BATF   | AF016898 | 25.6 | 6.3  | 0    |
| 56769_at   | B7.H1 protein   |  |        | AA292201 | 25.6 | 8    | 6.1  |
| 37388_at   | tissue factor pathway inhibitor 2   |  |        | TFPI2    | 25.5 | 0    | 1.2  |
| 35362_at   | myosin X  |  |        | MYO10    | 25.1 | 0    | 1.2  |
| 33796_at   | ADP-ribosylation factor-like 4  |  | ARL4   | U73960   | 24.9 | 1.1  | 0.4  |
| 77777_at   | cystathionase (cystathionine gamma-lyase)   |  | CTH    | A1955061 | 24.8 | 2.8  | 0    |
| 90749_at   |   |  |        | A1653230 | 24.7 | 4    | 1.5  |
| 76497_at   |   |  |        | A1826091 | 24.6 | 1    | 0    |
| 58702_at   |   |  |        | T55716   | 24.5 | 0    | 0.4  |
| 1265_g_at  | protein tyrosine phosphatase, non-receptor type 2                                 |  | PTPN2  | M25393   | 24.4 | 6.4  | 1.2  |
| 39931_at   | dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3                  |  | DYRK3  | Y12735   | 24.3 | 0.2  | 1.9  |
| 36564_at   |   |  |        |          |      |      |      |
| 36175_s_at | human immunodeficiency virus type 1 enhancer-binding protein 2                    |  | HIVEP2 | W27419   | 24.2 | 7.6  | 2    |
| 48964_at   |   |  |        | AL023584 | 24.2 | 7    | 5.7  |
| 59133_at   |   |  |        | A1629027 | 24.2 | 17.2 | 9.1  |
| 89881_at   | chloride intracellular channel 4  |  |        | AA131626 | 24.1 | 1.2  | 0.7  |
| 35094_f_at | leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3 |  | CLIC4  | AA675919 | 24   | 4.4  | 0.7  |
| 55334_at   |   |  | LILRA3 | AF025527 | 23.9 | 2.9  | 1.5  |
| 32186_at   | solute carrier family 7 (cationic amino acid transporter, y+ system), member 5    |  | SLC7A5 | A1249019 | 23.7 | 2.3  | 0    |
|            |   |  |        | M80244   | 23.6 | 3.5  | 2.3  |

Figure 12H

|            |   |  |        |          |      |     |      |
|------------|---|--|--------|----------|------|-----|------|
| 88550_at   | hypothetical protein FLJ12929   |  |        | AI468004 | 23.6 | 4.9 | 0    |
| 54744_at   |   |  |        | AA582287 | 23.5 | 8   | 3    |
| 37032_at   | nicotinamide N-methyltransferase  |  | NNMT   | U08021   | 23.4 | 0   | 1.2  |
| 34481_at   | vav 1 oncogene  |  | VAV1   | AF030227 | 23.3 | 0   | 0    |
| 39839_at   | cold shock domain protein A   |  | CSDA   | M24069   | 23   | 1.1 | 0    |
| 1779_s_at  | pim-1 oncogene  |  | PIM1   | M16750   | 23   | 3.5 | 6.6  |
| 34770_at   | mitogen-activated protein kinase kinase 8                                 |  | MAP3K8 | Z14138   | 22.9 | 0.6 | 3.3  |
| 88906_at   | KIAA1442 protein  |  |        | AL110312 | 22.8 | 0   | 1.8  |
| 54782_at   |   |  |        | AI281068 | 22.7 | 6   | 1.1  |
| 38582_at   | serine protease inhibitor, Kazal type 1                                   |  | SPINK1 | AI961220 | 22.6 | 0.6 | 10.6 |
| 44906_at   |   |  |        | AI916646 | 22.6 | 0.7 | 2.1  |
| 84601_at   |   |  |        | AI469960 | 22.6 | 2.9 | 4    |
| 889_at     | integrin, beta 8  |  | ITGB8  | M73780   | 22.5 | 2.1 | 1.2  |
| 56979_at   |   |  |        | AA133395 | 22.5 | 3.4 | 3.4  |
| 35036_at   | complement component C1q receptor   |  |        | U94333   | 22.4 | 1.2 | 0.9  |
| 68355_at   |   |  |        | AI655376 | 22.2 | 0   | 0.7  |
| 49364_at   |   |  |        | AL041551 | 22.2 | 1.7 | 2.7  |
| 47544_at   |   |  |        | AA741324 | 22.1 | 4.8 | 5.3  |
| 80151_at   |   |  |        | AA031832 | 22   | 0.7 | 0.3  |
| 36453_at   | KIAA0711 gene product   |  |        | AB018254 | 21.9 | 1.1 | 0.3  |
| 38272_at   | MKP-1 like protein tyrosine phosphatase                                   |  |        | AF038844 | 21.7 | 2   | 0    |
| 40606_at   | ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR                          |  |        | U88629   | 21.6 | 4.4 | 2.6  |
| 69197_r_at |   |  |        | AA508552 | 21.6 | 6.1 | 0    |
| 1508_at    | integrin, alpha 9   |  | ITGA9  | D25303   | 21.2 | 0   | 0.4  |
| 91587_at   |   |  |        | AI554946 | 21.1 | 4   | 1.9  |
| 53757_at   |   |  |        | AA131524 | 21.1 | 1.8 | 3.6  |
| 36933_at   | N-myc downstream regulated  |  | NDRG1  | D87953   | 21   | 2.3 | 0.5  |
| 1776_at    | Ras-related associated with diabetes                                      |  | RRAD   | L24564   | 20.8 | 0   | 1.2  |
| 39071_at   | integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) |  | ITGAV  | M14648   | 20.8 | 1.6 | 1.3  |
| 1237_at    | immediate early response 3  |  | IER3   | S81914   | 20.8 | 4.7 | 0    |
| 41242_at   | UDP-N-acetylglucosamine pyrophosphorylase 1                               |  | UAP1   | AB011004 | 20.7 | 1.9 | 1.2  |
| 47500_i_at | c-myc promoter-binding protein  |  |        | AA805337 | 20.6 | 7.1 | 2.8  |
| 44370_at   |   |  |        | AI589469 | 20.6 | 0.3 | 2.5  |
| 64247_at   |   |  |        | H40631   | 20.6 | 4   | 3.1  |

Figure 12I



|            |  |  |         |          |      |     |     |
|------------|--|--|---------|----------|------|-----|-----|
| 48311_at   |  |  |         | A1458231 | 20.6 | 3.8 | 1.3 |
| 43901_l_at |  |  |         | A1435160 | 20.5 | 8.7 | 2   |
| 39623_at   | Norrie disease (pseudoglioma)  |  | NDP     | X65724   | 20.5 | 0.8 | 0.3 |
| 36560_at   | KIAA0481 gene product  |  |         | AB007950 | 20.4 | 1.2 | 0   |
| 62502_at   | ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR   |  |         | C75510   | 20.4 | 4   | 2.1 |
| 56409_at   |  |  |         | W72194   | 20.3 | 0.3 | 1.5 |
| 46567_at   |  |  |         | A1732347 | 20.3 | 1   | 0.1 |
| 33291_at   | RAS guanyl releasing protein 1 (calcium and DAG-regulated)   |  | RASGRP1 | AF081195 | 20.2 | 2.4 | 2.7 |
| 33157_at   | insulinoma-associated 1  |  | INSM1   | M93119   | 20.2 | 4.5 | 9   |
| 39143_at   | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1  |  | NFATC1  | U08015   | 20.2 | 1.8 | 0   |
| 90629_at   | cyclin K   |  | CCNK    | X84721   | 20.2 | 0.8 | 0.1 |
| 63969_f_at | clusterin (complement lysis inhibitor, SP-40/40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J) |  | CLU     | A1982754 | 20.2 | 3   | 3.5 |
| 61130_at   |  |  |         | A1674404 | 20   | 3.3 | 1.9 |
| 39640_at   | glutamine:fructose-6-phosphate transaminase 2  |  | GFPT2   | AB016789 | 19.9 | 0   | 4.4 |
| 53995_at   | hypothetical protein   |  |         | A1346913 | 19.8 | 1.1 | 4   |
| 54310_at   |  |  |         | AA975511 | 19.7 | 1   | 2   |
| 64449_at   |  |  |         | A1810399 | 19.7 | 5.7 | 3.4 |
| 40388_at   | discs, large (Drosophila) homolog-associated protein 1   |  | DLGAP1  | AB000277 | 19.6 | 2.1 | 0.1 |
| 84220_at   |  |  |         | A1373122 | 19.6 | 0.1 | 1.1 |
| 32965_f_at | heat shock 70kD protein 1B   |  | HSPA1B  | W28645   | 19.5 | 0   | 2.2 |
| 38010_at   | BCL2/adenovirus E1B 19kD-interacting protein 3   |  | BNIP3   | AF002697 | 19.5 | 5.8 | 0.2 |
| 34039_at   | lymphocyte antigen 94 (mouse) homolog (activating NK-receptor; NK-p46)   |  | LY94    | AJ001383 | 19.3 | 0   | 0.8 |
| 32640_at   | intercellular adhesion molecule 1 (CD54), human rhinovirus receptor  |  | ICAM1   | M24283   | 19.2 | 5.5 | 1.4 |
| 88541_at   |  |  |         | A1800735 | 19.2 | 0.2 | 0   |
| 63742_r_at | KIAA0635 gene product  |  |         | AA910186 | 19.2 | 1.5 | 3.4 |
| 45602_at   |  |  |         | AA195108 | 19.2 | 1.3 | 2   |
| 38112_g_at | chondroitin sulfate proteoglycan 2 (versican)  |  | CSPG2   | X15998   | 19.1 | 1.3 | 4.6 |
| 51771_at   |  |  |         | AA284560 | 19   | 2.9 | 1.5 |
| 54759_at   |  |  |         | A1291314 | 18.9 | 3.7 | 1.5 |

Figure 12J

|            |  |          |          |      |     |     |
|------------|--|----------|----------|------|-----|-----|
| 44744_at   | solute carrier family 12 (potassium/chloride transporters), member 7 | SLC12A7  | A1816843 | 18.9 | 1.9 | 0   |
| 48740_s_at | novel retinal pigment epithelial gene                                |          | A1973108 | 18.7 | 5.4 | 4.1 |
| 53831_at   | hypothetical protein DKFZp434F2322                                   |          | A1632223 | 18.6 | 2.7 | 0.3 |
| 49626_at   | AlG5, S. cerevisiae, homolog of                                      |          | AA425251 | 18.6 | 4.7 | 3.8 |
| 39616_at   |  |          | AL050227 | 18.5 | 0   | 4.8 |
| 1125_s_at  | CD44 antigen (homing function and Indian blood group system)         | CD44     | L05424   | 18.5 | 0.6 | 1   |
| 53497_at   | integrin, beta 8   | ITGB8    | A1129512 | 18.5 | 2   | 0.6 |
| 61428_at   |  |          | AW014148 | 18.5 | 0.9 | 0.4 |
| 1702_at    | interleukin 2 receptor, alpha  | IL2RA    | X01057   | 18.4 | 0.2 | 1.8 |
| 48766_at   | hypothetical protein FLJ23231  |          | AA011633 | 18.3 | 2.1 | 2.2 |
| 36918_at   | guanylate cyclase 1, soluble, alpha 3                                | GUCY1A3  | Y15723   | 18.2 | 3.1 | 3.6 |
| 89756_at   |  |          | A1768334 | 18.2 | 0   | 0.9 |
| 64285_at   |  |          | A1050855 | 18.1 | 1.9 | 1.6 |
| 44972_at   |  |          | AA998894 | 18.1 | 2.5 | 6.6 |
| 61778_at   | sterile-alpha motif and leucine zipper containing kinase AZK         |          | N95341   | 17.4 | 0.5 | 0   |
| 59009_at   |  |          | A1982723 | 17.4 | 1   | 0.2 |
| 43478_at   | hypothetical protein FLJ20373  |          | AW021103 | 17.4 | 0.6 | 5.2 |
| 58180_at   | KIA0942 protein  |          | A1073412 | 17.4 | 0.2 | 5.1 |
| 45561_at   |  |          | A1991958 | 17.2 | 0.4 | 1.2 |
| 35702_at   | hydroxysteroid (11-beta) dehydrogenase 1                             | HSD11B1  | M76665   | 17.2 | 3.2 | 2.5 |
| 182_at     | inositol 1,4,5-trisphosphate receptor, type 3                        | ITPR3    | U01062   | 17.1 | 0.2 | 6.3 |
| 55588_at   | hypothetical protein FLJ13868  |          | A1814485 | 17.1 | 3.4 | 1.7 |
| 76847_at   |  |          | A1951161 | 17   | 1.9 | 3.4 |
| 70591_at   | hypothetical protein FLJ21162  |          | AL046389 | 17   | 0.4 | 0.3 |
| 56331_at   | hypothetical protein FLJ20559  |          | AA478923 | 17   | 3.7 | 1.4 |
| 64403_at   |  |          | AA195829 | 16.9 | 0.2 | 0.7 |
| 64769_at   |  |          | A1298599 | 16.8 | 5.1 | 2.9 |
| 32668_at   | single-stranded-DNA-binding protein                                  |          | AL080076 | 16.7 | 4.5 | 3.8 |
| 38797_at   | KIA0062 protein  |          | D31887   | 16.6 | 0   | 2.3 |
| 58242_at   | solute carrier family 21 (organic anion transporter), member 11      | SLC21A11 | AA053855 | 16.6 | 2.5 | 0   |
| 54819_r_at |  |          | A1720898 | 16.6 | 6.1 | 1.3 |
| 48556_at   | HIV TAT specific factor 1  | HTATSF1  | AA581365 | 16.4 | 6.4 | 4.2 |

Figure 12K

|            |  |  |  |        |          |      |     |      |
|------------|--|--|--|--------|----------|------|-----|------|
| 55692_at   | hypothetical protein FLJ111656   |  |  |        | W2924    | 16.4 | 4.3 | 2.7  |
| 75007_at   |  |  |  |        | A1079327 | 16.3 | 3.3 | 0.1  |
| 80084_at   |  |  |  |        | A189019  | 16.3 | 5.6 | 0.8  |
| 35275_at   | adaptor-related protein complex 1, gamma 1 subunit                             |  |  |        | AL050025 | 16.2 | 0.6 | 0.3  |
| 49353_at   | hypothetical protein FLJ20216  |  |  | AP1G1  | A1927837 | 16.1 | 0.3 | 0    |
| 745_at     | transcription elongation factor A (SII), 2                                     |  |  | TCEA2  | D50495   | 15.8 | 4.9 | 1.2  |
| 55081_at   | hypothetical protein BA395L14.2  |  |  |        | W46406   | 15.8 | 3.3 | 0    |
| 40767_at   | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) |  |  | TFPI   | M59499   | 15.5 | 3.2 | 1.2  |
| 70631_at   |  |  |  |        | AA628024 | 15.4 | 1.1 | 0    |
| 73800_at   |  |  |  |        | A1890347 | 15.2 | 2.3 | 0.9  |
| 80408_at   | ribosomal protein L37a   |  |  | RPL37A | AA961504 | 15.2 | 0.3 | 0    |
| 64879_at   | heparan sulfate 6-O-sulfotransferase   |  |  | HS6ST  | AA206625 | 15.2 | 0.2 | 0    |
| 51923_at   | sphingosine kinase 1   |  |  | SPHK1  | A1769914 | 14.8 | 3   | 1.6  |
| 77564_at   |  |  |  |        | A1694316 | 14.7 | 0.5 | 2.2  |
| 70634_at   |  |  |  |        | AW007125 | 14.6 | 1.3 | 1.3  |
| 44008_at   |  |  |  |        | A1921877 | 14.6 | 3.1 | 1.3  |
| 34726_at   | calcium channel, voltage-dependent, beta 3 subunit                             |  |  | CACNB3 | U07139   | 14.5 | 0.1 | 14.5 |
| 44728_at   |  |  |  |        | A1819734 | 14.5 | 1.5 | 2.5  |
| 36980_at   | proline-rich protein with nuclear targeting signal                             |  |  |        | U03105   | 14.4 | 2.2 | 3.4  |
| 42537_at   |  |  |  |        | AA281239 | 14.3 | 0.3 | 0.3  |
| 79494_at   |  |  |  |        | T77813   | 14.2 | 0.9 | 1.7  |
| 54077_at   | hypothetical protein FLJ10430  |  |  |        | W18181   | 14.2 | 0.9 | 6.5  |
| 1440_s_at  |  |  |  |        | X83490   | 14.1 | 2.6 | 2.8  |
| 72541_at   |  |  |  |        | A1652865 | 14   | 1.7 | 1.6  |
| 57833_s_at | NY-REN-45 antigen  |  |  |        | AW001803 | 14   | 1.1 | 0    |
| 57579_at   |  |  |  |        | A1680721 | 14   | 4.6 | 4.6  |
| 47578_at   |  |  |  |        | AA513538 | 13.9 | 6.6 | 3.6  |
| 58935_s_at | hypothetical protein MGC5363   |  |  |        | AA160156 | 13.9 | 1   | 0    |
| 71889_at   |  |  |  |        | AW008462 | 13.7 | 1.1 | 2.5  |
| 37393_at   | hairy (Drosophila)-homolog   |  |  | HRY    | A1968055 | 13.7 | 0.7 | 0.6  |
| 88283_at   |  |  |  |        | L19314   | 13.6 | 0   | 0.6  |
| 45606_at   |  |  |  |        | A1961740 | 13.6 | 1.8 | 0.5  |
| 38463_s_at | adenosine monophosphate deaminase (isoform E)                                  |  |  | AMPD3  | AA846692 | 13.6 | 0   | 0.2  |
|            |  |  |  |        | U29926   | 13.6 | 2.6 | 0.1  |

Figure 12L



|            |  |  |  |         |          |      |     |     |
|------------|--|--|--|---------|----------|------|-----|-----|
| 48656_at   |  |  |  |         | AI393886 | 12.3 | 0.6 | 0.6 |
| 63053_r_at | complement C1r-like proteinase precursor,  |  |  |         | N91560   | 12.3 | 0.2 | 0   |
| 51545_at   |  |  |  |         | AA160945 | 12.1 | 1.1 | 1.8 |
| 50320_g_at |  |  |  |         | AI497833 | 12   | 3.8 | 5.7 |
| 58412_at   | retinal degeneration B beta  |  |  |         | AA807607 | 11.9 | 0.2 | 0   |
| 87114_at   |  |  |  |         | AW001674 | 11.9 | 1.8 | 0.5 |
| 56252_at   |  |  |  |         | AA493229 | 11.8 | 2   | 1.3 |
| 76493_at   |  |  |  |         | AI393100 | 11.7 | 2.4 | 0   |
| 60544_at   |  |  |  |         | N30562   | 11.7 | 0.7 | 3.7 |
| 33767_at   | neurofilament, heavy polypeptide (200kD)   |  |  | NEFH    | X15306   | 11.6 | 0   | 0.3 |
| 81351_at   |  |  |  |         | AA527332 | 11.6 | 1.8 | 0   |
| 76515_at   | hypothetical protein DKFZp566G1424   |  |  |         | AA777011 | 11.6 | 5.5 | 0   |
| 36197_at   | chitinase 3-like 1 (cartilage glycoprotein-39)                                     |  |  | CHI3L1  | Y08374   | 11.5 | 1.2 | 0.7 |
| 46538_at   |  |  |  |         | AA913703 | 11.5 | 1.1 | 2.2 |
| 1084_at    | v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene) |  |  | ABL2    | M35296   | 11.3 | 1   | 7.9 |
| 49961_at   | KIAA0477 gene product  |  |  |         | AI821791 | 11.3 | 6.5 | 0   |
| 48486_at   | Notch (Drosophila) homolog 2   |  |  | NOTCH2  | AW024960 | 11.3 | 1.1 | 0   |
| 81844_at   |  |  |  |         | N92724   | 11.2 | 1.8 | 0   |
| 84950_at   |  |  |  |         | AI681868 | 11.2 | 0   | 1.6 |
| 64937_at   | popeye protein 2   |  |  |         | AA044732 | 11.2 | 0.5 | 0.9 |
| 38763_at   | sorbitol dehydrogenase   |  |  | SORD    | L29254   | 11.2 | 0   | 0.4 |
| 44868_s_at |  |  |  |         | AA917734 | 11.1 | 4.8 | 1.9 |
| 1919_at    | vav 1 oncogene   |  |  | VAV1    | X16316   | 11   | 0.4 | 0   |
| 58697_r_at |  |  |  |         | R67370   | 11   | 3.1 | 2.7 |
| 54961_r_at |  |  |  |         | AA203620 | 10.9 | 4.9 | 1.1 |
| 53442_at   |  |  |  |         | R99605   | 10.9 | 3.1 | 8.1 |
| 39776_at   | KIAA0623 gene product  |  |  |         | AB014523 | 10.8 | 1.4 | 1   |
| 45210_at   |  |  |  |         | AA035736 | 10.8 | 1.3 | 6.4 |
| 1211_s_at  | CASP2 and RIPK1 domain containing adaptor with death domain                        |  |  | CRADD   | U84388   | 10.7 | 0   | 0   |
| 41442_at   | core-binding factor, runt domain, alpha subunit 2; translocated to                 |  |  | CBFA2T3 | AB010419 | 10.6 | 1.5 | 1.3 |
| 36451_at   |  |  |  |         | AI743299 | 10.6 | 3   | 2.3 |

Figure 12N

|            |  |        |          |      |     |     |
|------------|--|--------|----------|------|-----|-----|
| 64223_s_at | ARP1 (actin-related protein 1, yeast) homolog A (centractin alpha) | ACTR1A | AA628405 | 10.6 | 0.2 | 1.8 |
| 63093_at   |  |        | R06655   |      |     |     |
| 34713_at   | kinesin family member 3B   | KIF3B  | AB002357 | 10.6 | 0.2 | 0.7 |
| 62711_at   |  |        | AW021631 | 10.4 | 1.2 | 0.8 |
| 59488_at   | ADP-ribosylation factor-like 4                                     |        |          | 10.4 | 0.2 | 2.9 |
| 47934_at   | guanine nucleotide binding protein (G protein), gamma 2            | ARL4   | AI142552 | 10.4 | 1.4 | 3.2 |
| 2036_s_at  | CD44 antigen (homing function and Indian blood group system)       | GN2    | AA738022 | 10.4 | 0.2 | 0.7 |
|            |  | CD44   | M59040   | 10.3 | 0.4 | 0   |
| 82831_at   |  |        |          |      |     |     |
| 48723_at   | KIAA0833 protein   |        | AW044646 | 10.3 | 0.6 | 0.5 |
| 1733_at    | bone morphogenetic protein 6                                       | BMP6   | M60315   | 10.3 | 0   | 1.2 |
| 59126_at   |  |        | AI660548 | 10.2 | 4.2 | 2.3 |
| 37296_at   | ADP-ribosylation factor-like 1                                     | ARL1   | L28997   | 10.1 | 1.4 | 8   |
| 39584_at   | KIAA0833 protein   |        | AB020640 | 10.1 | 0.5 | 0.1 |
| 37952_at   | integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)        | ITGB3  | M35999   | 10.1 | 1.4 | 1.8 |
| 38792_at   | spermine synthase  | SMS    | AD001528 | 10   | 1.2 | 1.1 |
| 74478_at   |  |        | AI808640 | 9.9  | 1.8 | 0.7 |
| 48663_at   |  |        | R05809   | 9.9  | 0.4 | 0   |
| 1224_at    | PCTAIRE protein kinase 1   | PCTK1  | X66363   | 9.8  | 0.8 | 0.2 |
| 37203_at   | carboxylesterase 1 (monocyte/macrophage serine esterase 1)         | CES1   | L07765   | 9.8  | 2.2 | 0.3 |
| 58404_at   |  |        | AA487503 | 9.8  | 0.9 | 1.8 |
| 85610_at   |  |        | AI913562 | 9.8  | 2.4 | 1.5 |
| 69031_at   |  |        | AI686521 | 9.8  | 1.4 | 1.5 |
| 44244_at   | hypothetical protein FLJ11336                                      |        | R51067   | 9.8  | 3.1 | 1   |
| 50329_s_at | RAB9, member RAS oncogene family                                   | RAB9   | AI934576 | 9.8  | 4   | 2   |
| 61734_at   | hypothetical protein LOC57333                                      |        | AI977684 | 9.8  | 0   | 0.7 |
| 49757_at   |  |        | AA281494 | 9.8  | 0   | 2   |
| 49498_at   | small protein effector 1 of Cdc42                                  |        | H10816   | 9.7  | 4.8 | 4.9 |
| 67175_at   | hypothetical protein, estradiol-induced                            |        | F36583   | 9.7  | 2.1 | 2.9 |
| 61116_g_at | secretory leukocyte protease inhibitor (antileukoproteinase)       |        | AA442301 | 9.7  | 0.9 | 0   |
| 32275_at   | secretory leukocyte protease inhibitor (antileukoproteinase)       | SLPI   | X04470   | 9.6  | 0.6 | 2.1 |
| 85092_g_at | lets homologous factor   | EHF    | AI554809 | 9.6  | 0.3 | 0   |
| 591_s_at   | protein tyrosine phosphatase, non-receptor type 1                  | PTPN1  | M33684   | 9.5  | 2.1 | 3.5 |

Figure 120

|            |   |  |         |          |     |     |     |
|------------|---|--|---------|----------|-----|-----|-----|
| 69629_at   |   |  |         | AI744711 | 9.5 | 0   | 1.4 |
| 70377_at   |   |  |         | AI753158 | 9.5 | 1.4 | 1.9 |
| 38942_r_at | AD024 protein   |  |         | W28610   | 9.4 | 0.6 | 1.8 |
| 39976_at   | hypothetical protein from EUROMAGE 783647   |  |         | AL050087 | 9.4 | 4.1 | 5.9 |
| 77831_at   | phosphodiesterase 4D, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E3) |  | PDE4D   | AI093171 | 9.4 | 1   | 0   |
| 50932_at   |   |  |         | AI745136 | 9.4 | 1.6 | 2.9 |
| 54146_at   |   |  |         | AA167624 | 9.4 | 1.1 | 2.7 |
| 40919_at   | somatostatin receptor 2   |  | SSTR2   | M81830   | 9.3 | 1.5 | 2.9 |
| 34800_at   | DKFZP586O1624 protein   |  |         | AL039458 | 9.3 | 0   | 0.1 |
| 91992_at   | novel Ras family protein  |  |         | AI382139 | 9.3 | 1.2 | 1   |
| 53398_at   | transcription factor BMAL2  |  |         | AA127950 | 9.3 | 2.3 | 0   |
| 76024_at   |   |  |         | AI052586 | 9.3 | 2.2 | 1.7 |
| 47069_at   | hypothetical protein FLJ20185   |  |         | AA533284 | 9.3 | 1.3 | 1.6 |
| 46303_at   |   |  |         | AA524250 | 9.3 | 0.6 | 1.7 |
| 47943_at   |   |  |         | AI916838 | 9.2 | 0.3 | 1.6 |
| 61263_at   |   |  |         | AI568596 | 9.2 | 3.5 | 0   |
| 46260_at   | claudin 1   |  | CLDN1   | AI452474 | 9.2 | 6.7 | 2.4 |
| 90218_at   |   |  |         | N50080   | 9.2 | 1.5 | 0   |
| 33452_at   | plasminogen activator, tissue   |  | PLAT    | M15518   | 9.1 | 0   | 3.2 |
| 37338_at   | phosphoribosyl pyrophosphate synthetase-associated protein 1                          |  | PRPSAP1 | D61391   | 9   | 1.4 | 0   |
| 63357_at   |   |  |         | AI290954 | 9   | 0.2 | 0.4 |
| 47414_at   |   |  |         | W91949   | 9   | 0.1 | 0.6 |
| 41202_s_at | conserved gene amplified in osteosarcoma  |  |         | AF000152 | 8.9 | 1.5 | 0   |
| 86806_at   |   |  |         | AA962815 | 8.9 | 2   | 1.4 |
| 56372_at   |   |  |         | AI078177 | 8.9 | 0.4 | 1   |
| 39878_at   | protocadherin 9   |  | PCDH9   | AI524125 | 8.8 | 0.4 | 1.8 |
| 40458_at   | signal transducer and activator of transcription 5A                                   |  | STAT5A  | U43185   | 8.8 | 6.5 | 1.9 |
| 33377_at   | vitronectin (serum spreading factor, somatomedin B, complement S-protein)             |  | VTN     | X03168   | 8.8 | 1.7 | 2.8 |
| 83381_at   | artemin   |  | ARTN    | AI695822 | 8.8 | 0   | 2   |
| 59830_at   |   |  |         | AA995120 | 8.7 | 2.3 | 1.3 |
| 72917_at   |   |  |         | W19971   | 8.7 | 0.1 | 0   |
| 45564_s_at |   |  |         | AI290237 | 8.7 | 1.4 | 0   |

Figure 12P

|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 1395_at    | ras homolog gene family, member C                                   | ARHC    | L25081   | 8.6 | 0.7 | 0.7 |
| 291_s_at   | tumor-associated calcium signal transducer 2                        | TACSTD2 | J04152   | 8.6 | 0.9 | 0   |
| 36092_at   |   |         | A1080213 | 8.6 | 2.2 | 1.9 |
| 46093_at   | hypothetical protein FLJ20173                                       |         | AA513748 | 8.6 | 0   | 0   |
| 39409_at   | complement component 1, r subcomponent                              | C1R     | M14058   | 8.5 | 0   | 0.6 |
| 32030_at   | adaptor-related protein complex 3, sigma 2 subunit                  | AP3S2   | X99459   | 8.5 | 1.6 | 1.1 |
| 88979_at   |   |         | A1002236 | 8.5 | 0.1 | 5.7 |
| 66244_at   | interleukin 7   | IL7     | A1208250 | 8.5 | 1.3 | 2.4 |
| 37464_at   | peroxisome biogenesis factor 13                                     | PEX13   | A1048755 | 8.4 | 1.5 | 0.9 |
| 32624_at   | DKFZP566D133 protein  |         | A1050050 | 8.4 | 1.1 | 1   |
| 1796_s_at  | B-cell CLL/lymphoma 3   | BCL3    | U05681   | 8.4 | 0.2 | 0.9 |
| 79403_at   |   |         | A1350482 | 8.4 | 0.7 | 0.1 |
| 612_s_at   | 2',3'-cyclic nucleotide 3' phosphodiesterase                        | CNP     | M19650   | 8.3 | 3.9 | 5.2 |
| 73132_r_at | cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) | CDKN2A  | AA909181 | 8.3 | 0.3 | 1.1 |
| 65529_at   | caspase recruitment domain 4  |         | A1797914 | 8.3 | 0.6 | 0   |
| 71195_at   |   |         | AA039572 | 8.3 | 1   | 1.6 |
| 57158_at   | hypothetical protein  |         | AA534272 | 8.3 | 0.1 | 0.6 |
| 91998_at   | hypothetical protein FLJ10450                                       |         | AA626176 | 8.3 | 1.7 | 0.8 |
| 55805_g_at |   |         | AW007803 | 8.3 | 1.1 | 1.7 |
| 1441_s_at  |   |         | X83492   | 8.3 | 1.1 | 1.3 |
| 34054_at   | tumor necrosis factor (ligand) superfamily, member 7                | TNFSF7  | L08096   | 8.2 | 1.8 | 5.2 |
| 51096_at   | ERO1 (S. cerevisiae)-like   |         | AL048651 | 8.2 | 3   | 0.2 |
| 39910_at   | hypothetical protein  |         | AA663800 | 8.1 | 0.3 | 0.2 |
| 37243_at   | guanylate cyclase 1, soluble, beta 3                                | GUCY1B3 | X66533   | 8.1 | 0   | 2.7 |
| 44531_at   |   |         | A1922892 | 8.1 | 1.2 | 7.4 |
| 45978_at   |   |         | A1377221 | 8.1 | 0.5 | 0.8 |
| 38854_at   | KIAA0635 gene product   |         | AB014535 | 8   | 0.6 | 2.4 |
| 41246_at   | trinucleotide repeat containing 3                                   | TNRC3   | A1743134 | 8   | 0.6 | 2.1 |
| 49300_at   |   |         | A1571525 | 8   | 0.6 | 0   |
| 48993_at   | KIAA1181 protein  |         | AA196096 | 7.9 | 0.8 | 0   |
| 63414_at   |   |         | A1076335 | 7.9 | 0.2 | 0.2 |
| 64681_at   |   |         | N98797   | 7.9 | 0.9 | 1   |
| 74621_at   |   |         | A1016213 | 7.8 | 2.4 | 3   |
| 45551_at   |   |         | AW022176 | 7.8 | 0   | 0.7 |

Figure 12Q



|            |  |  |         |          |     |     |     |
|------------|--|--|---------|----------|-----|-----|-----|
| 65088_at   | hypothetical protein FLJ21313  |  |         | AI378584 | 7.8 | 2.1 | 2.9 |
| 51247_at   |  |  |         | AI264314 | 7.8 | 0   | 0.3 |
| 77899_at   |  |  |         | N30618   | 7.8 | 0.8 | 0.4 |
| 35410_at   | small inducible cytokine subfamily B (Cys-X-Cys), member 6 (granulocyte chemotactic protein 2) |  | SCYB6   | U81234   | 7.7 | 0   | 2.2 |
| 41971_at   | proline-serine-threonine phosphatase interacting protein 2                                     |  | PSTPIP2 | AA102566 | 7.7 | 0.9 | 0.7 |
| 63360_at   | membrane-spanning 4-domains, subfamily A, member 7   |  | MS4A7   | AI829939 | 7.6 | 0.9 | 0   |
| 51242_at   |  |  |         | AI123826 | 7.6 | 0.8 | 1.4 |
| 54916_at   |  |  |         | AI459123 | 7.6 | 0   | 0.3 |
| 38748_at   | adenosine deaminase, RNA-specific, B1 (homolog of rat RED1)                                    |  | ADARB1  | U76421   | 7.5 | 0   | 0   |
| 51208_at   | metal-regulatory transcription factor 1  |  | MTF1    | N46867   | 7.5 | 2.1 | 1.2 |
| 77081_at   |  |  |         | AI792789 | 7.4 | 0   | 0   |
| 85493_at   |  |  |         | AI553724 | 7.4 | 0.5 | 0.5 |
| 76387_at   |  |  |         | AA772692 | 7.3 | 1   | 1.6 |
| 90462_at   |  |  |         | AA806207 | 7.3 | 2.2 | 3.1 |
| 54413_at   |  |  |         | W72267   | 7.3 | 1   | 1.1 |
| 79207_r_at |  |  |         | AI939637 | 7.2 | 3   | 2.2 |
| 43697_at   |  |  |         | AA504249 | 7.2 | 3.3 | 3.4 |
| 70204_at   |  |  |         | R70880   | 7.2 | 0   | 0   |
| 49811_s_at | mitochondrial solute carrier   |  |         | AA906314 | 7.2 | 0.8 | 1.3 |
| 82344_at   |  |  |         | AI373048 | 7.1 | 0   | 0   |
| 82114_at   |  |  |         | AA745458 | 7.1 | 0.8 | 0   |
| 51807_r_at |  |  |         | R38998   | 7   | 1.5 | 1.9 |
| 54016_s_at | uncharacterized hypothalamus protein HT011   |  |         | AI248306 | 7   | 0.7 | 0   |
| 62125_at   |  |  |         | N31710   | 7   | 0   | 0   |
| 46665_at   | hypothetical protein FLJ20369  |  |         | AI949392 | 7   | 0.2 | 0   |
| 91124_l_at | leukemia-associated phosphoprotein p18 (stathmin)  |  | LAP18   | AA156060 | 7   | 0   | 0   |
| 85911_r_at |  |  |         | AI285486 | 7   | 0.7 | 2.7 |
| 41402_at   | DKFZP564O0823 protein  |  |         | AI080121 | 6.8 | 0   | 0   |
| 73989_at   | C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 5       |  | CLEUSF5 | AI653660 | 6.8 | 0   | 0   |
| 86814_at   |  |  |         | AI620731 | 6.8 | 0.6 | 0.8 |
| 72050_at   |  |  |         | AI147202 | 6.8 | 0.5 | 0   |
| 44827_s_at | hypothetical protein STRAIT11499   |  |         | AW016331 | 6.8 | 0   | 0   |

Figure 12R

|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 49512_at   | mitogen-activated protein kinase 8                                | MAPK8   | A1052039 | 6.8 | 1.9 | 0.7 |
| 37842_at   | l-mfa domain-containing protein                                   |         | AF054589 | 6.8 | 0   | 0   |
| 81999_r_at |   |         | AA877462 | 6.8 | 2.1 | 3.4 |
| 41266_at   | integrin, alpha 6   | ITGA6   | X53586   | 6.7 | 1.7 | 0.1 |
| 75730_at   |   |         | AA765781 | 6.7 | 0.2 | 0.2 |
| 71402_r_at |   |         | A1820621 | 6.7 | 0   | 0   |
| 67141_at   |   |         | A1267607 | 6.6 | 1.1 | 3.7 |
| 49537_at   |   |         | W18190   | 6.6 | 0.8 | 0.6 |
| 32313_at   | tropomyosin 2 (beta)  | TPM2    | M12125   | 6.5 | 0   | 0.9 |
| 65794_f_at |   |         | A1042362 | 6.5 | 1.7 | 0.8 |
| 72594_r_at |   |         | A1984040 | 6.4 | 1   | 0.7 |
| 82896_at   |   |         | A1476732 | 6.4 | 0.3 | 0   |
| 34517_at   | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)        | HMGCS1  | X66435   | 6.3 | 0   | 0.7 |
| 41015_at   | protein kinase, AMP-activated, alpha 1 catalytic subunit          | PRKAA1  | AB022017 | 6.3 | 0.3 | 2.7 |
| 52043_at   |   |         | A1217191 | 6.3 | 0.1 | 0   |
| 72408_at   |   |         | AA923345 | 6.3 | 0.8 | 0   |
| 65148_at   | hypothetical protein FLJ20139                                     |         | A1860687 | 6.3 | 0   | 0   |
| 37524_at   | serine/threonine kinase 17b (apoptosis-inducing)                  |         |          | 6.2 | 1.1 | 1.4 |
| 33707_at   | phospholipase A2, group IVC (cytosolic, calcium-independent)      | STK17B  | AB011421 | 6.2 | 1.1 | 1.4 |
|            |   | PLA2G4C | AF058921 | 6.2 | 1   | 1   |
| 78954_at   |   |         | AA420590 | 6.2 | 0.3 | 0.6 |
| 68619_at   |   |         | A1204439 | 6.2 | 3.7 | 1.4 |
| 54428_at   | tensin  | TNS     | AW007778 | 6.2 | 1.2 | 2.1 |
| 35086_at   | fls485  |         | AB024705 | 6.1 | 0   | 0.9 |
| 32111_at   | chromodomain protein, Y chromosome-like                           | CDYL    | AL050164 | 6.1 | 0.8 | 0.4 |
| 37610_at   | hypothetical protein FLJ10803                                     |         | A1765280 | 6.1 | 0   | 0   |
| 76530_at   | hypothetical protein FLJ20639                                     |         | A1749464 | 6.1 | 1   | 0   |
| 37244_at   | ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) | UCHL3   | AA746355 | 6   | 0.3 | 0   |
| 46999_at   | oxidoreductase UCPA   |         | A1986294 | 6   | 0.6 | 0   |
| 91718_at   | chromosome 11 open reading frame 1                                | C15ORF4 | W60695   | 6   | 0.2 | 0   |
| 49301_at   | porcupine   |         | AA206621 | 6   | 1   | 0.8 |
| 50534_at   | small nuclear ribonucleoprotein polypeptide G                     | SNRPG   | AA234175 | 6   | 0.8 | 0.5 |
| 48745_s_at | hypothetical protein FLJ12438                                     |         | A1979240 | 6   | 0.9 | 0   |
| 46323_at   |   |         | AL120741 | 6   | 0.7 | 0.1 |

Figure 12S

|            |   |          |          |     |     |   |      |
|------------|---|----------|----------|-----|-----|---|------|
| 38516_at   | sodium channel, voltage-gated, type I, beta polypeptide     | SCN1B    | L10338   | 5.9 | 0   | 0 | 3.3  |
| 35990_at   | KIAA0478 gene product                                       |          | AB007947 | 5.9 | 1.1 |   | 3.8  |
| 36634_at   | BTG family, member 2  | BTG2     | U72649   | 5.9 | 0.9 |   | 0.3  |
| 57364_at   |   |          | AA031731 | 5.9 | 0.8 |   | 0.8  |
| 38972_at   |   |          | AF052169 | 5.8 | 0   |   | 0.1  |
| 36081_s_at | chromosome 21 open reading frame 18                         | C21ORF18 | AB004848 | 5.8 | 1.1 |   | 1    |
| 69681_at   |   |          | AB004848 | 5.8 | 0.1 |   | 0    |
| 38038_at   | lumican   | LUM      | A872476  | 5.7 | 0   |   | 0.7  |
| 68048_at   |   |          | U21128   | 5.7 | 0   |   | 0.5  |
| 43395_s_at | DnaJ (Hsp40) homolog, subfamily B, member 5                 | DNAJB5   | AA701259 | 5.7 | 0.1 |   | 2.5  |
| 51792_at   |   |          | AW006148 | 5.7 | 2.1 |   | 0    |
| 1856_at    | v-rel avian reticuloendotheliosis viral oncogene homolog    | REL      | W07089   | 5.7 | 4.1 |   | 5.7  |
| 63251_s_at |   |          | X75042   | 5.6 | 1.3 |   | 0.6  |
| 46727_at   |   |          | AA904828 | 5.6 | 0.9 |   | 0    |
| 57000_f_at | meningioma expressed antigen 5 (hyaluronidase)              | MGEA5    | A146850  | 5.6 | 0.1 |   | 1.7  |
| 35182_f_at | hypothetical protein FLJ10849                               |          | A453779  | 5.5 | 0   |   | 0    |
| 74006_at   |   |          | W25874   | 5.5 | 0.7 |   | 1    |
| 55280_at   | putative N6-DNA-methyltransferase                           |          | A1984623 | 5.5 | 5.1 |   | 10.4 |
| 73601_at   |   |          | A1016585 | 5.5 | 0   |   | 0.2  |
| 71516_r_at |   |          | A885677  | 5.5 | 0.3 |   | 2.1  |
| 31633_g_at | zinc finger protein 259, pseudogene                         | ZNF259P  | Z40202   | 5.4 | 0   |   | 0.2  |
| 41275_at   | E2F transcription factor 5, p130-binding                    | E2F5     | 295118   | 5.4 | 0   |   | 0.7  |
| 2045_s_at  | hemopoietic cell kinase                                     | HCK      | U31556   | 5.4 | 0.8 |   | 0.6  |
| 48436_at   |   |          | M16592   | 5.4 | 0.1 |   | 2.4  |
| 75064_at   | NOD2 protein  |          | A1922968 | 5.4 | 0.7 |   | 1.1  |
| 51151_i_at | hypothetical protein  |          | AA910520 | 5.4 | 1   |   | 0.3  |
| 72052_at   |   |          | A1983052 | 5.4 | 0.3 |   | 4.4  |
| 54799_at   | glutaminase   | GLS      | N71632   | 5.4 | 0   |   | 0    |
| 57042_at   | similar to Caenorhabditis elegans protein C42C1.9           |          | W72090   | 5.4 | 1.6 |   | 0    |
| 49298_at   |   |          | W74749   | 5.3 | 0.6 |   | 0.1  |
| 86004_at   |   |          | AW021968 | 5.3 | 0.5 |   | 0.7  |
| 830_at     | Tax1 (human T-cell leukemia virus type I) binding protein 1 | TAX1BP2  | AA767895 | 5.2 | 0.8 |   | 3.6  |
| 39950_at   | acid sphingomyelinase-like phosphodiesterase                |          | U25801   | 5.2 | 0   |   | 0.9  |
| 1119_at    | replication protein A2 (32kD)                               | RPA2     | Y08136   | 5.2 | 0.5 |   | 0.6  |
| 38397_at   | polymerase (DNA-directed), delta 4                          | POLD4    | J05249   | 5.2 | 1   |   | 0    |

Figure 12T

|            |   |        |  |          |     |     |     |
|------------|---|--------|--|----------|-----|-----|-----|
| 84960_at   |   |        |  | AI004417 | 5.2 | 0.5 | 0.2 |
| 87493_at   |   |        |  | AL042667 | 5.2 | 0.4 | 0   |
| 47430_at   |   |        |  | T65857   | 5.2 | 0   | 0   |
| 48765_s_at | cytochrome c oxidase subunit VIIa polypeptide 2 (liver) | COX7A2 |  | W56437   | 5.2 | 0.9 | 0.1 |
| 32735_at   | KIAA0931 protein  |        |  | AB023148 | 5.1 | 1   | 0.7 |
| 34719_at   | glutaminase   | GLS    |  | AB020645 | 5.1 | 0   | 0   |
| 38027_at   | fibulin 1   | FBLN1  |  | X53742   | 5.1 | 0.9 | 0.5 |
| 47832_at   | H2B histone family, member B                            |        |  | AA100654 | 5.1 | 0   | 1   |
| 88155_at   |   | H2BFB  |  | AI125923 | 5.1 | 0   | 0.6 |
| 80825_at   |   |        |  | AI590115 | 5.1 | 0.6 | 0   |
| 32113_at   | absent in melanoma 1                                    | AIM1   |  | U83115   | 5   | 2.4 | 1   |
| 32662_at   | KIAA0170 gene product                                   |        |  | AL041663 | 5   | 0.1 | 1   |
| 48488_at   | hypothetical protein                                    |        |  | AI889499 | 5   | 0   | 0   |
| 89829_at   | hypothetical protein FLJ10521                           |        |  | AI913628 | 5   | 0.6 | 0.6 |
| 48564_at   | ancient conserved domain protein 4                      |        |  | AI655884 | 5   | 6.9 | 5.7 |
| 51991_at   |   |        |  | AI884621 | 5   | 1   | 0.5 |
| 53657_r_at | non-kinase Cdc42 effector protein SPEC2                 |        |  | AI825880 | 5   | 2.2 | 2.4 |
| 55495_at   |   |        |  | AA187437 | 5   | 0   | 0.5 |
| 33437_at   | homolog of yeast SPB1                                   |        |  | AJ005892 | 4.9 | 1.3 | 0.7 |
| 36610_at   | KIAA0029 protein  |        |  | D21852   | 4.9 | 0.9 | 0   |
| 84588_at   |   |        |  | AI691077 | 4.9 | 2.9 | 4.3 |
| 43690_at   |   |        |  | AA019641 | 4.9 | 0.2 | 0.4 |
| 81083_at   |   |        |  | AI248920 | 4.9 | 1.3 | 0.2 |
| 46668_at   |   |        |  | AA479835 | 4.9 | 0.8 | 0.9 |
| 32655_s_at | thyroid hormone receptor coactivating protein           |        |  | X87613   | 4.8 | 1.1 | 0.9 |
| 35303_at   | insulin induced gene 1                                  | INSIG1 |  | U96876   | 4.8 | 2.6 | 0   |
| 67240_at   |   |        |  | AI377910 | 4.8 | 0.6 | 0.4 |
| 64152_at   |   |        |  | AA703523 | 4.8 | 0   | 0.4 |
| 76989_at   |   |        |  | AI333655 | 4.8 | 0   | 0.3 |
| 64577_at   |   |        |  | H60064   | 4.8 | 2.1 | 2.9 |
| 610_at     | adrenergic, beta-2, receptor, surface                   | ADRB2  |  | M15169   | 4.7 | 0.9 | 2   |
| 52287_at   | long-chain fatty acid coenzyme A ligase 5               |        |  | AA514342 | 4.7 | 0.8 | 0   |
| 81262_at   |   |        |  | AI280818 | 4.7 | 0.6 | 0.2 |
| 89955_at   |   |        |  | AW020975 | 4.7 | 1   | 0   |
| 46610_at   |   |        |  | AL043934 | 4.7 | 0.8 | 0   |

Figure 12U

|            |   |         |          |     |     |     |
|------------|---|---------|----------|-----|-----|-----|
| 33198_at   | binder of Arl Two   |         | AA206524 | 4.6 | 0   | 0   |
| 66690_at   |   |         | H92909   | 4.6 | 0.5 | 0.1 |
| 47471_at   |   |         | AA916868 | 4.6 | 0.4 | 0.9 |
| 44643_at   |   |         | AI633734 | 4.6 | 0   | 0   |
| 55264_at   | hypothetical protein SBBI67   |         | W79937   | 4.6 | 0.5 | 0   |
| 47359_at   |   |         | AA887112 | 4.6 | 0   | 0.9 |
| 80778_at   |   |         | AA179496 | 4.6 | 0   | 0.1 |
| 33283_at   | arrestin, beta 2  | ARRB2   | AF106941 | 4.5 | 0.8 | 0   |
| 37644_s_at | tumor necrosis factor receptor superfamily, member 6                                    | TNFRSF6 | Z70519   | 4.5 | 0.1 | 0.1 |
| 59043_at   |   |         | AI243147 | 4.5 | 0   | 0.4 |
| 89924_at   | ras homolog gene family, member C   | ARHC    | AI860379 | 4.5 | 1   | 0.3 |
| 63849_at   | karyopherin beta 2b, transportin  |         | AI885873 | 4.5 | 0   | 0.6 |
| 86015_at   |   |         | AI652445 | 4.5 | 0.6 | 0.4 |
| 87673_at   |   |         | AI982610 | 4.5 | 0.6 | 0.2 |
| 84407_r_at |   |         | AI032906 | 4.5 | 0.6 | 1   |
| 54067_at   |   |         | AI982669 | 4.5 | 0.3 | 0   |
| 57423_at   |   |         | AA433928 | 4.5 | 0.5 | 0.8 |
| 41770_at   | monoamine oxidase A   | MAOA    | AA420624 | 4.4 | 0   | 0   |
| 35007_at   |   |         | AC004940 | 4.4 | 0.5 | 0.8 |
| 64991_at   |   |         | AI762686 | 4.4 | 0   | 0   |
| 82372_at   |   |         | AA907150 | 4.4 | 0.9 | 0.9 |
| 70379_at   |   |         | AI744361 | 4.4 | 1.2 | 0.7 |
| 74047_l_at |   |         | AW023188 | 4.4 | 0   | 0.3 |
| 48696_at   |   |         | H48142   | 4.4 | 0   | 0   |
| 83888_r_at |   |         | AI031837 | 4.4 | 0   | 0.8 |
| 33900_at   | folliculin-like 3 (secreted glycoprotein)   | FSTL3   | U76702   | 4.3 | 0   | 5.7 |
| 34006_s_at | mitogen-activated protein kinase 8  | MAPK8   | L26318   | 4.3 | 0.7 | 0.6 |
| 39975_at   | KIAA1080 protein; Golgi-associated, gamma-adaptin ear containing, ARF-binding protein 2 |         | AC002400 | 4.3 | 0.9 | 0.4 |
| 91181_at   | uncharacterized hematopoietic stem/progenitor cells protein MDS031                      |         | AW044698 | 4.3 | 0   | 0   |
| 57414_at   |   |         | AA878480 | 4.3 | 1.3 | 3   |
| 78392_at   |   |         | H12965   | 4.3 | 0.2 | 0.3 |
| 85068_at   |   |         | AI032972 | 4.3 | 0   | 0   |
| 80554_s_at |   |         | AW004040 | 4.3 | 0.9 | 0   |

Figure 12V



|            |  |  |           |          |     |     |     |
|------------|--|--|-----------|----------|-----|-----|-----|
| 46316_at   | hgp0256 protein  |  |           | AI494647 | 4   | 0.6 | 0   |
| 44675_at   | xylosyltransferase II  |  |           | AA043495 | 4   | 0   | 0   |
| 46378_at   |  |  |           | AA019557 | 4   | 0.3 | 0.9 |
| 45597_at   | intracellular membrane-associated calcium-independent phospholipase A2 gamma                                 |  |           | AI093502 | 4   | 0.7 | 0.6 |
| 44809_at   | hypothetical protein FLJ10803  |  |           | AW008368 | 4   | 0.6 | 0.3 |
| 31516_f.at | basic transcription factor 3, like 1   |  | BTF3L1    | M90354   | 3.9 | 0.2 | 1   |
| 33748_at   | minor histocompatibility antigen HA-1  |  |           | D86976   | 3.9 | 0.8 | 0   |
| 37912_at   | TNF receptor-associated factor 4   |  | TRAF4     | X80200   | 3.9 | 0.7 | 0.5 |
| 53790_at   | actin-related protein 3-beta   |  |           | AA772242 | 3.9 | 0.1 | 0.1 |
| 53358_at   |  |  |           | AI279946 | 3.9 | 0.7 | 1.1 |
| 90173_at   |  |  |           | AA203229 | 3.9 | 0.1 | 0.8 |
| 54842_at   |  |  |           | AI758780 | 3.9 | 0.7 | 0.8 |
| 63069_at   |  |  |           | AA521016 | 3.9 | 0.1 | 0   |
| 63094_at   |  |  |           | R10311   | 3.9 | 0.9 | 0.7 |
| 73171_at   |  |  |           | AI953346 | 3.9 | 1.9 | 0.7 |
| 58913_at   |  |  |           | AI916598 | 3.9 | 0.1 | 0   |
| 49747_at   |  |  |           | AA115471 | 3.9 | 2.8 | 0   |
| 85177_at   | H2B histone family, member R   |  | H2BFR     | AI336982 | 3.9 | 0.4 | 0.5 |
| 48589_s.at |  |  |           | N98652   | 3.9 | 0.3 | 1.6 |
| 46732_at   |  |  |           | AA075666 | 3.9 | 0.6 | 0   |
| 55289_at   | immunoglobulin superfamily, member 4   |  |           | W86056   | 3.9 | 0.3 | 0.2 |
| 37929_at   | tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)                                     |  | IGSF4     | AB017563 | 3.9 | 0.2 | 0.5 |
| 37611_at   |  |  | TNFRSF11B | AB008822 | 3.9 | 0   | 0   |
| 70261_at   |  |  |           | AI808755 | 3.9 | 0.7 | 0   |
| 78611_at   |  |  |           | AI378890 | 3.9 | 0.8 | 0.4 |
| 32781_f.at | KIAA0728 protein   |  |           | AA058762 | 3.8 | 0.6 | 0.8 |
| 33541_s.at | leukocyte-associated Ig-like receptor 2  |  | LAI2      | AA133246 | 3.8 | 0   | 0.1 |
| 58106_at   |  |  |           | AA496024 | 3.8 | 0.3 | 0.5 |
| 65645_at   | IGF-II mRNA-binding protein 2  |  |           | AI675886 | 3.8 | 0   | 0   |
| 45191_at   | protein phosphatase 1, regulatory subunit 6  |  | PPP1R6    | AI680750 | 3.8 | 2.8 | 0   |
| 35281_at   | laminin, gamma 2 (nicein (100kD), kalinin (105kD), BM600 (100kD), Herlitz junctional epidermolysis bullosa)) |  | LAMC2     | U31201   | 3.8 | 0   | 1.8 |
| 54049_at   |  |  |           | AI652991 | 3.8 | 5.9 | 0   |

Figure 12X

|            |   |        |          |     |      |     |
|------------|---|--------|----------|-----|------|-----|
| 80967_at   |   |        | AA703048 | 3.7 | 1    | 0.8 |
| 75265_at   |   |        | AI821772 | 3.7 | 0.2  | 0.3 |
| 83640_at   |   |        | AI948598 | 3.7 | 1    | 0.6 |
| 88805_at   |   |        | AI761186 | 3.7 | 0.3  | 0.6 |
| 43120_at   | myeloid/lymphoid or mixed-lineage leukemia3               | MLL3   | AI640514 | 3.7 | 1    | 0.8 |
| 34397_at   | acid-inducible phosphoprotein                             |        | AF069250 | 3.6 | 0.9  | 0   |
| 59119_at   |   |        | AL038787 | 3.6 | 0    | 0   |
| 68570_at   |   |        | AA496390 | 3.6 | 0.3  | 0.2 |
| 81370_r_at |   |        | AA578920 | 3.6 | 0.7  | 0.7 |
| 43383_s_at | hypothetical protein FLJ20727                             |        | AW000901 | 3.6 | 1.1  | 0.5 |
| 53354_at   |   |        | AI668938 | 3.6 | 0    | 0   |
| 61314_at   | KIAA0203 gene product                                     |        | AL043152 | 3.6 | 0.6  | 0   |
| 51817_at   |   |        | AI991014 | 3.6 | 0.2  | 0.3 |
| 53573_f_at |   |        | AA573272 | 3.6 | 2.7  | 3.9 |
| 41233_at   | DnaJ (Hsp40) homolog, subfamily B, member 6               | DNAJB6 | AB014888 | 3.5 | 0.5  | 0   |
| 37688_f_at | Fc fragment of IgG, low affinity IIa, receptor for (CD32) | FCGR2A | M31932   | 3.5 | 0    | 0   |
| 74390_at   |   |        | AI740774 | 3.5 | 0.5  | 0.6 |
| 76759_r_at |   |        | AI224653 | 3.5 | 1.1  | 1   |
| 58371_g_at | hypothetical protein DKFZp761A052                         |        | AW003291 | 3.5 | 1    | 0   |
| 69337_at   |   |        | AI925894 | 3.5 | 0.6  | 0   |
| 59619_at   |   |        | AW007238 | 3.5 | 0.1  | 0.5 |
| 78473_at   |   |        | AW051926 | 3.5 | 0.7  | 0.6 |
| 87678_at   |   |        | AI270326 | 3.5 | 0.9  | 0   |
| 75923_at   |   |        | AI356228 | 3.5 | 1    | 0   |
| 68633_s_at | hypothetical protein                                      |        | AI650829 | 3.5 | 0.9  | 0.3 |
| 33510_s_at | glutamate receptor, metabotropic 1                        | GRM1   | U31216   | 3.4 | 0.5  | 0.9 |
| 37956_at   | aldehyde dehydrogenase 8                                  | ALDH8  | U37519   | 3.4 | 0    | 2.1 |
| 78618_at   |   |        | AI889955 | 3.4 | 0.3  | 0.5 |
| 54720_at   |   |        | AA493420 | 3.4 | 10.4 | 2   |
| 56662_at   |   |        | AI627666 | 3.4 | 0.2  | 0   |
| 67593_at   |   |        | AI033153 | 3.4 | 0.5  | 0.6 |
| 65662_at   |   |        | AA019910 | 3.4 | 1.6  | 0.2 |
| 87481_at   | hypothetical protein FLJ10698                             |        | AI951927 | 3.4 | 0    | 0.5 |
| 45751_g_at |   |        | AA528592 | 3.4 | 0.8  | 0   |
| 72954_at   |   |        | AA883059 | 3.4 | 0.7  | 0.8 |

Figure 12Y





|            |  |        |  |          |     |     |     |
|------------|--|--------|--|----------|-----|-----|-----|
| 81672_at   |  |        |  | W38444   | 3.1 | 0.9 | 0   |
| 82436_at   |  |        |  | A1242023 | 3.1 | 0   | 0.5 |
| 86391_at   |  |        |  | W90335   | 3.1 | 1   | 0   |
| 68575_at   |  |        |  | AA993965 | 3.1 | 0.2 | 0.1 |
| 89640_f_at |  |        |  | A1422384 | 3.1 | 0.4 | 0.7 |
| 72876_at   |  |        |  | A1970209 | 3.1 | 0.3 | 0.7 |
| 45334_at   | hypothetical protein, clone<br>Telethon(Italy B41)_Strait02270_FL142 |        |  | A1628609 | 3.1 | 0   | 0   |
| 44027_at   |  |        |  | A1472026 | 3.1 | 0.7 | 0.2 |
| 62168_at   | caspase 4, apoptosis-related cysteine protease                       | CASP4  |  | A1246018 | 3.1 | 0.9 | 0.2 |
| 57230_at   |  |        |  | N98637   | 3.1 | 1   | 0.3 |
| 55067_at   | KIAA1450 protein   |        |  | N32192   | 3.1 | 2.5 | 0.7 |
| 35218_at   | programmed cell death 10   | PDCD10 |  | AF022385 | 3   | 0.9 | 0   |
| 34827_at   | unc-51 (C. elegans)-like kinase 1                                    | ULK1   |  | AF045458 | 3   | 0.3 | 0.5 |
| 33167_r_at | adenylosuccinate synthase  | ADSS   |  | X66503   | 3   | 0.1 | 0.2 |
| 52207_at   | protein phosphatase 4 regulatory subunit 2                           |        |  | W87465   | 3   | 0.8 | 1   |
| 88879_at   |  |        |  | A1378857 | 3   | 0   | 0.8 |
| 67251_at   |  |        |  | A1379741 | 3   | 0.2 | 0.2 |
| 70798_at   |  |        |  | A1400344 | 3   | 0   | 0.4 |
| 85190_at   |  |        |  | AA737437 | 3   | 0.7 | 0   |
| 86047_at   |  |        |  | AA689588 | 3   | 0.3 | 0.9 |
| 46229_at   |  |        |  | H23103   | 3   | 0.8 | 0   |
| 86346_at   |  |        |  | AA528523 | 3   | 0.3 | 0.8 |

Figure 12AA

| affyID     | Gene Name  | Gene Symbol | GBA      | Score_Ecoli | Score_Candida | Score_Influenza |
|------------|--|-------------|----------|-------------|---------------|-----------------|
| 38549_at   |  |             | AF026941 | 484.1       | 612.9         | 1149.5          |
| 35061_at   | small inducible cytokine subfamily B (Cys-X-Cys), member 11                      | SCYB11      | AF030514 | 655.1       | 844.8         | 729.7           |
| 909_B_at   | interferon-induced protein with tetratricopeptide repeats 2                      | IFIT2       | M14660   | 320.5       | 145.5         | 573.3           |
| 431_at     | small inducible cytokine subfamily B (Cys-X-Cys), member 10                      | SCYB10      | X02530   | 152         | 390           | 545.7           |
| 1214_s_at  | interferon, beta 1, fibroblast   | IFNB1       | V00535   | 433.9       | 0.1           | 540.3           |
| 61371_at   | cyclin-E binding protein 1   |             | AA555023 | 204         | 148           | 479.5           |
| 1715_at    | tumor necrosis factor (ligand) superfamily, member 10                            | TNFSF10     | U37518   | 66.8        | 179.7         | 463.3           |
| 49148_at   |  |             | AA947472 | 182.2       | 52            | 423.6           |
| 425_at     | interferon, alpha-inducible protein 27   | IFI27       | X67325   | 565.9       | 754           | 421             |
| 41048_at   | phorbol-12-myristate-13-acetate-induced protein 1                                | PMAIP1      | D90070   | 159.8       | 9.8           | 408.5           |
| 908_at     | interferon-induced protein with tetratricopeptide repeats 2                      | IFIT2       | M14660   | 22.9        | 34            | 384.9           |
| 39945_at   | fibroblast activation protein, alpha   | FAP         | U09278   | 1.1         | 1             | 279.2           |
| 38299_at   | interleukin 6 (interferon, beta 2)   | IL6         | X04430   | 1566.4      | 101.3         | 227.7           |
| 51972_at   | ubiquitin specific protease 18   | USP18       | AA143794 | 114.4       | 158.3         | 218             |
| 1107_s_at  | interferon-stimulated protein, 15 kDa  |             | M13755   | 159         | 86.3          | 213.8           |
| 1403_s_at  | small inducible cytokine A5 (RANTES)   | SCYA5       | M21121   | 232.1       | 90.6          | 200.3           |
| 1666_at    | interferon, type 1, cluster  | IFN1@       | J00210   | 2.7         | 0             | 191.9           |
| 37219_at   | monokine induced by gamma interferon   | MIG         | X72755   | 261.6       | 704.2         | 182.7           |
| 675_at     | interferon induced transmembrane protein 1 (9-27)                                | IFITM1      | J04164   | 112.7       | 140.9         | 173.6           |
| 37944_at   | GTP cyclohydrolase 1 (dopa-responsive dystonia)                                  | GCH1        | U19523   | 505.4       | 330.9         | 169             |
| 84893_at   |  |             | A1446168 | 83.4        | 119.5         | 160.2           |
| 91313_at   |  |             | AA131041 | 84          | 77.5          | 157.1           |
| 38584_at   | interferon-induced protein with tetratricopeptide repeats 4                      | IFIT4       | AF026939 | 179.4       | 153.2         | 148.6           |
| 48864_at   | interferon, alpha-inducible protein 27   | IFI27       | A1991845 | 216.4       | 274.9         | 141.4           |
| 40159_r_at | neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1) | NCF1        | M55067   | 160.7       | 91            | 140.3           |
| 70458_i_at |  |             | A1654525 | 120.3       | 174.3         | 127.2           |
| 1369_s_at  | interleukin 8  | IL8         | M28130   | 2300.5      | 32.6          | 122.1           |
| 62330_at   |  |             | A1075407 | 185.9       | 169.1         | 121.9           |
| 269_at     | 2'-5'-oligoadenylate synthetase-like   | OASL        | L40387   | 19.8        | 6.9           | 119.4           |
| 71174_r_at | KIAA1682 protein   |             | A1921158 | 67.8        | 81.9          | 115.6           |
| 1520_s_at  | endothelin 1   | EDN1        | J05008   | 4444        | 283.5         | 113.7           |
| 41677_at   | interleukin 15 receptor, alpha   | IL15RA      | AF035279 | 278         | 99.5          | 111.4           |
| 41384_at   | receptor-interacting serine-threonine kinase 2                                   | RIPK2       | AF117829 | 46.7        | 26.8          | 104.9           |

Figure 13A

|            |  |         |          |       |       |       |
|------------|--|---------|----------|-------|-------|-------|
| 1736_at    | insulin-like growth factor binding protein 6   | IGFBP6  | M62402   | 50.4  | 0     | 104.8 |
| 33304_at   | interferon stimulated gene (20kD)  | ISG20   | U88964   | 327.2 | 200   | 103.7 |
| 38388_at   | 2',5'-oligoadenylate synthetase 1 (40-46 kD)   | OAS1    | M11810   | 38.7  | 54    | 103.7 |
| 52615_at   |  |         | AA948319 | 425   | 188.4 | 94.9  |
| 39081_at   | metallothionein 2A   | MT2A    | A1547258 | 92.5  | 37.3  | 94.1  |
| 33705_at   | phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4)    | PDE4B   | L20971   | 232.3 | 51.8  | 92.7  |
| 36892_at   | integrin, alpha 7  | ITGA7   | AF032108 | 0.5   | 0     | 92.6  |
| 1097_s_at  | chemokine (C-C motif) receptor 7   | CCR7    | L31584   | 276.6 | 100.6 | 88.3  |
| 47013_at   |  |         | AA121732 | 0.1   | 3.2   | 86.3  |
| 36927_at   | hypothetical protein, expressed in osteoblast  |         | AB000115 | 53.4  | 60.4  | 83.5  |
| 71839_at   |  |         | AA251131 | 111.4 | 76.5  | 82.8  |
| 89884_at   | metallothionein 2A   | MT2A    | A1991852 | 138   | 45.1  | 82.3  |
| 62493_at   |  |         | W68034   | 1.7   | 0     | 81.3  |
| 59581_at   |  |         | N95225   | 42.1  | 4.1   | 80.8  |
| 47634_at   |  |         | AW052044 | 0     | 0     | 79.8  |
| 1491_at    | pentaxin-related gene, rapidly induced by IL-1 beta                                      | PTX3    | M31166   | 827.3 | 8.9   | 79    |
| 32814_at   | interferon-induced protein with tetratricopeptide repeats 1                              | IFIT1   | M24594   | 50.5  | 70.1  | 76.9  |
| 70460_f.at |  |         | A1654525 | 48.9  | 90.2  | 75.7  |
| 44399_at   |  |         | H11732   | 1.6   | 2.1   | 75.4  |
| 1372_at    | tumor necrosis factor, alpha-induced protein 6   | TNFAIP6 | M31165   | 573.9 | 37.7  | 75.1  |
| 63335_at   | sorting nexin 10   |         | A1285531 | 127.4 | 55.8  | 74.2  |
| 51546_at   |  |         | A1498361 | 113.1 | 77.9  | 73.9  |
| 49117_at   | interferon-induced protein 75, 52kD  | IFI75   | A1743445 | 26.5  | 24.4  | 71    |
| 89899_at   | myxovirus (influenza) resistance 2, homolog of murine                                    | MX2     | AW001846 | 54    | 64.3  | 70.9  |
| 2002_s.at  | BC12-related protein A1  | BCL2A1  | U27467   | 547.8 | 65.2  | 70.5  |
| 1914_at    | cyclin A1  | CCNA1   | U66838   | 57.6  | 16    | 70.3  |
| 41745_at   | interferon induced transmembrane protein 3 (1.8U)  | IFITM3  | X57352   | 49.6  | 74    | 69.9  |
| 36776_at   | lymphocyte-activation gene 3   | LAG3    | X51985   | 13.2  | 148.7 | 69.7  |
| 37014_at   | myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78) | MX1     | M33882   | 53.6  | 82.5  | 69.2  |
| 879_at     | myxovirus (influenza) resistance 2, homolog of murine                                    | MX2     | M30818   | 61.1  | 61    | 69    |
| 48856_at   | plastin 3 (T isoform)  | PLS3    | A1983923 | 42.8  | 2.1   | 68.4  |
| 57699_at   |  |         | AA133285 | 12.1  | 31.2  | 65.3  |
| 87002_l.at |  |         | A1270476 | 14.8  | 28.7  | 63.7  |

Figure 13B

|            |  |         |          |       |      |      |
|------------|--|---------|----------|-------|------|------|
| 37933_at   | retinoblastoma-binding protein 6   | RBBP6   | X85133   | 16.5  | 2.8  | 61.5 |
| 34793_s_at | platin 3 (T isoform)   | PLS3    | M22299   | 37    | 0    | 60.4 |
| 37615_at   | growth factor receptor-bound protein 10  | GRB10   | D86962   | 19    | 3.9  | 60.3 |
| 69876_at   |  |         | A1825713 | 36.1  | 32.1 | 60.3 |
| 44936_at   |  |         | T93893   | 3.6   | 10.2 | 59   |
| 56278_at   |  |         | A1692445 | 15.4  | 6.3  | 58   |
| 286_at     | H2A histone family, member O   |         | L19779   | 64.6  | 21   | 57.1 |
| 1852_at    | tumor necrosis factor (TNF superfamily, member 2)  | H2AFO   | X02910   | 201.2 | 47.5 | 57   |
| 79721_at   |  | TNF     | A1733197 | 16.5  | 11.6 | 56   |
| 46659_at   |  |         | A1742057 | 87.7  | 54.8 | 56   |
| 54982_at   | pellino (Drosophila) homolog 1   | PELI1   | AL043980 | 85.4  | 6.2  | 54.5 |
| 36412_s_at | interferon regulatory factor 7   | IRF7    | U53831   | 49.2  | 41.5 | 54.1 |
| 40385_at   | small inducible cytokine subfamily A (Cys-Cys), member 20                                    | SCYA20  | U64197   | 943.4 | 28.3 | 53.8 |
| 91973_at   |  |         | A1470600 | 0.7   | 0.1  | 53.5 |
| 1069_at    | prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)        | PTGS2   | U04636   | 495.3 | 26.7 | 53.1 |
| 57085_s_at | DKFZP586G0522 protein  |         | AW008790 | 85.4  | 4.8  | 52.3 |
| 51670_l_at |  |         | A1161358 | 45.6  | 13.2 | 52.1 |
| 63017_at   | pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 4 | PLEKHA4 | AA521373 | 23.6  | 0.2  | 49.9 |
| 35735_at   | guanylate binding protein 1, interferon-inducible, 67kD                                      | GBP1    | M55542   | 72.1  | 49.4 | 49.8 |
| 31623_f_at | metallothionein 1A (functional)  | MT1A    | K01383   | 160.3 | 22.3 | 49.7 |
| 49886_at   |  |         | A1936516 | 93.7  | 1.9  | 49   |
| 39703_at   | ubiquitously transcribed tetratricopeptide repeat gene, X chromosome                         | UTX     | AF000993 | 10.2  | 4.6  | 48.9 |
| 87102_at   |  |         | A1823649 | 62    | 51.5 | 48.7 |
| 32065_at   | cAMP responsive element modulator  | CREM    | S68134   | 7.7   | 8.5  | 47.4 |
| 60322_at   |  |         | A1040220 | 0.8   | 1.9  | 47.3 |
| 37823_at   | small inducible cytokine subfamily A (Cys-Cys), member 8 (monocyte chemotactic protein 2)    | SCYA8   | Y16645   | 17.3  | 63.9 | 47.1 |
| 49163_at   |  |         | N47894   | 2.2   | 14.6 | 47   |
| 1842_at    |  |         | S62138   | 11.6  | 25   | 46.1 |
| 48080_at   | hypothetical protein FLJ20037  |         | A1566481 | 10.4  | 12.6 | 45.7 |
| 1787_at    | cyclin-dependent kinase inhibitor 1C (p57, Kip2)   | CDKN1C  | U22398   | 0.3   | 5.2  | 45.6 |
| 38121_at   | tryptophanyl-tRNA synthetase   | WARS    | X59892   | 58.2  | 45.4 | 45.6 |

Figure 13C

|            |  |       |          |       |      |      |
|------------|--|-------|----------|-------|------|------|
| 75093_at   |  |       | AI807000 | 1.5   | 1    | 45.1 |
| 84717_at   |  |       | AI307804 | 0.5   | 0.7  | 45.1 |
| 82359_at   |  |       | AI347618 | 15.7  | 26.5 | 44.6 |
| 60103_at   |  |       | AI916948 | 46.9  | 13.9 | 44.2 |
| 34702_f.at | endogenous retroviral protease   |       | M27826   | 4.3   | 0    | 43.9 |
| 50746_at   |  |       | AA897516 | 71    | 20.1 | 43.9 |
| 48035_at   | A kinase (PRKA) anchor protein 2   | AKAP2 | AA101125 | 95.8  | 38.5 | 43.7 |
| 37641_at   | interferon-induced, hepatitis C-associated microtubular aggregate protein (44kD) |       | D28915   | 68.5  | 51.1 | 43.6 |
| 50124_at   |  |       | AA580047 | 37.3  | 29.6 | 43.2 |
| 870_f.at   | metallothionein 3 (growth inhibitory factor (neurotrophic))                      | MT3   | M93311   | 90.7  | 15.1 | 42.9 |
| 90048_at   | H3 histone, family 3B (H3.3B)  | H3F3B | AA609509 | 0.4   | 0    | 42.7 |
| 69589_at   |  |       | AI743005 | 15.4  | 14.3 | 42.7 |
| 39420_at   |  |       | S62138   | 11.6  | 20.2 | 42.5 |
| 34666_at   | superoxide dismutase 2, mitochondrial  | SOD2  | X07834   | 141.3 | 63.1 | 42.3 |
| 36174_at   | macrophage myristoylated alanine-rich C kinase substrate                         |       | X70326   | 119.6 | 44.8 | 42   |
| 59777_at   |  |       | AA766831 | 98.3  | 63.3 | 41.1 |
| 40153_at   | ATP-binding cassette, sub-family B (MDR/TAP), member 2                           | ABCB2 | X57522   | 34.3  | 33   | 40.6 |
| 35463_at   | homeo box (expressed in ES cells) 1  | HESX1 | AF059734 | 19.4  | 20.3 | 40.2 |
| 48885_at   |  |       | R61847   | 2.1   | 17.1 | 40   |
| 62130_at   | 28kD interferon responsive protein   |       | AA651720 | 37.5  | 34   | 40   |
| 70097_at   | indoleamine-pyrrole 2,3 dioxygenase  | INDO  | AI302268 | 99.5  | 29.8 | 39.9 |
| 84909_at   |  |       | AA902134 | 29.7  | 55.3 | 39.5 |
| 33352_at   | H2A histone family, member Q   | H2AFQ | X57985   | 8.1   | 11.8 | 37.7 |
| 37623_at   | nuclear receptor subfamily 4, group A, member 2                                  | NR4A2 | X75918   | 0.7   | 0.4  | 37.7 |
| 36804_at   | indoleamine-pyrrole 2,3 dioxygenase  | INDO  | M34455   | 91.3  | 36.9 | 37.7 |
| 42048_at   |  |       | AA897644 | 4.4   | 2.5  | 37.2 |
| 35254_at   | FLN29 gene product   |       | AB007447 | 31.4  | 36.2 | 36.8 |
| 44513_at   |  |       | AI760613 | 68.8  | 81.5 | 36.6 |
| 82094_i.at |  |       | AI810266 | 12.4  | 6.4  | 36.3 |
| 1021_at    | interferon, gamma  | IFNG  | J00219   | 289.9 | 58.8 | 36.2 |
| 59215_at   | RNA helicase   |       | AI807018 | 151.1 | 63   | 36.2 |
| 649_s.at   | chemokine (C-X-C motif), receptor 4 (fusin)                                      | CXCR4 | L06797   | 53.5  | 40.7 | 36   |
| 32182_at   | KIAA0965 protein   |       | AB023182 | 3.6   | 0    | 35.9 |

Figure 13D

|            |  |          |          |       |      |      |
|------------|--|----------|----------|-------|------|------|
| 36085_at   | guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 1 | GNAT1    | X63749   | 6     | 2.4  | 35.8 |
| 74402_at   |  |          | A1924226 | 0     | 0.9  | 35.7 |
| 78482_at   |  |          | AA705165 | 62.7  | 3.6  | 35.7 |
| 56608_at   | endogenous retroviral protease   |          | AW007800 | 2.7   | 1.6  | 35.5 |
| 56922_at   |  |          | AA211158 | 32.7  | 18.2 | 35.1 |
| 36488_at   | EGF-like domain, multiple 5  | EGFL5    | AB011542 | 0     | 0    | 35   |
| 38389_at   | 2',5'-oligoadenylate synthetase 1 (40-46 kD)   | OAS1     | X04371   | 36.5  | 71.8 | 35   |
| 39263_at   | 2',5'-oligoadenylate synthetase 2  | OAS2     | M87434   | 26.7  | 28   | 34.8 |
| 56879_at   | heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1                                   | HS3ST3B1 | AA780067 | 67.6  | 2.5  | 34.8 |
| 58918_at   |  |          | AA210892 | 176.1 | 24   | 34.8 |
| 35302_at   | nuclear RNA export factor 1  | NXF1     | AJ132712 | 6.9   | 8.3  | 34.6 |
| 55625_at   |  |          | N21579   | 2.2   | 3.6  | 34.4 |
| 63347_at   | enhancer of filamentation 1 (cas-like docking; Crk-associated substrate related)         |          | AA745981 | 3     | 1.7  | 33.9 |
| 81887_at   |  |          | A1766826 | 27.8  | 10.9 | 33.8 |
| 86168_at   |  |          | AA745606 | 2.2   | 6.6  | 33.8 |
| 57761_at   |  |          | A1313253 | 161   | 50.6 | 33.7 |
| 45256_at   | pre-B-cell colony-enhancing factor   |          | A1271460 | 35.1  | 7.1  | 33.4 |
| 37406_at   | microtubule-associated protein, RP/EB family, member 2                                   | MAPRE2   | X94232   | 0     | 0.1  | 33.3 |
| 53588_at   |  |          | A1967984 | 29.2  | 4.3  | 33.3 |
| 1580_f.at  | interferon, alpha 4  | IFNA4    | M27318   | 0.5   | 0    | 33.1 |
| 32775_r.at | phospholipid scramblase 1  | PLSCR1   | AB006746 | 81.8  | 68.4 | 32.6 |
| 31622_f.at | metallothionein 1F (functional)  | MT1F     | M10943   | 101.8 | 13.1 | 32.6 |
| 72808_at   |  |          | A1640523 | 16.1  | 6.1  | 32.6 |
| 45164_at   | 19A24 protein  |          | W74027   | 189.7 | 74.5 | 32.5 |
| 31850_at   | glutamate-cysteine ligase, catalytic subunit   | GCLC     | M90656   | 1.3   | 7.4  | 32.4 |
| 35937_at   | MHC class I polypeptide-related sequence B   | MICB     | U65416   | 16.3  | 17.2 | 32.3 |
| 35682_at   |  |          | A1133727 | 17.4  | 1.4  | 32.1 |
| 68328_at   |  |          | A1475514 | 5.5   | 10.2 | 32.1 |
| 53809_at   | eukaryotic translation initiation factor 5   | EIF5     | AA831658 | 1.4   | 2    | 31.5 |
| 54594_at   | KIAA0668 protein   |          | AA009571 | 78.6  | 23.3 | 31.3 |
| 39070_at   | singed (Drosophila)-like (sea urchin fascin homolog like)                                | SNL      | U03057   | 36.9  | 23.6 | 31   |
| 84661_at   | CK2 interacting protein 1; HQ0024c protein   |          | A1436109 | 0     | 0    | 30.9 |
| 44825_at   | RAD50 (S. cerevisiae) homolog  | RAD50    | AA126482 | 27.8  | 17.5 | 30.9 |

Figure 13E

|            |  |         |  |          |       |      |      |
|------------|--|---------|--|----------|-------|------|------|
| 52878_at   |  |         |  | AI632502 | 0.3   | 12.7 | 30.9 |
| 50061_at   |  |         |  | AI742085 | 0     | 3.5  | 30.8 |
| 52085_at   |  |         |  | AA210833 | 33.1  | 21   | 30.6 |
| 40639_at   | SCO (cytochrome oxidase deficient, yeast) homolog 2                                      | SCO2    |  | AL021683 | 7.1   | 5.2  | 30.4 |
| 38908_s_at | REV3 (yeast homolog)-like, catalytic subunit of DNA polymerase zeta                      | REV3L   |  | AL096744 | 0.3   | 0.2  | 30.2 |
| 38649_at   | KIAA0970 protein   |         |  | AB023187 | 14.2  | 7    | 30.1 |
| 38570_at   | major histocompatibility complex, class II, DQ beta                                      | HLA DOB |  | X03066   | 84.2  | 55.5 | 30.1 |
| 37643_at   | tumor necrosis factor receptor superfamily, member 6                                     | TNFRSF6 |  | X63717   | 69    | 17.4 | 30   |
| 40852_at   | tudor repeat associator with PCTAIRE 2   |         |  | AB025254 | 20.7  | 18.9 | 29.9 |
| 52831_at   |  |         |  | AI160811 | 14.7  | 0    | 29.8 |
| 53010_at   |  |         |  | AI809925 | 28.6  | 4.2  | 29.8 |
| 73236_g_at | guanylate binding protein 1, interferon-inducible, 67kD                                  | GBP1    |  | AW014593 | 63.9  | 55.8 | 29.8 |
| 36094_at   | troponin T3, skeletal, fast  | TNNT3   |  | M21984   | 11.6  | 0.2  | 29.6 |
| 2072_at    | cadherin 12, type 2 (N-cadherin 2)   | CDH12   |  | L34057   | 20.9  | 3.1  | 29.5 |
| 56169_at   |  |         |  | W55852   | 35    | 2.2  | 29.4 |
| 46187_at   |  |         |  | AI344122 | 2.1   | 3.1  | 28.9 |
| 36223_at   | splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated) | SFPQ    |  | AI827895 | 1     | 0    | 28.7 |
| 39114_at   | decidual protein induced by progesterone   |         |  | AB022718 | 68.6  | 26.6 | 28.6 |
| 44815_s_at |  |         |  | AA733119 | 92    | 11.1 | 28.6 |
| 36296_at   | lymphotoxin alpha (TNF superfamily, member 1)  | LTA     |  | D12614   | 154   | 62.8 | 28.5 |
| 58957_at   | hypothetical protein FLJ20637  |         |  | AI620475 | 108.9 | 42.7 | 28.3 |
| 65867_at   | FXD domain-containing ion transport regulator 6  | FXD6    |  | AI043089 | 103.8 | 73.3 | 28.2 |
| 62495_f_at |  |         |  | AI433785 | 4.4   | 17.4 | 28.1 |
| 32114_s_at | adenosine A2a receptor   | ADORA2A |  | S46950   | 137.9 | 31   | 27.9 |
| 38111_at   | chondroitin sulfate proteoglycan 2 (versican)  | CSPG2   |  | X15998   | 71.2  | 4.1  | 27.4 |
| 92145_at   |  |         |  | AI703103 | 21.9  | 13.4 | 27.4 |
| 43848_s_at |  |         |  | AI968465 | 9.1   | 8.8  | 27.3 |
| 669_s_at   | interferon regulatory factor 1   | IRF1    |  | L05072   | 50.6  | 35.4 | 27.2 |
| 53508_at   |  |         |  | AI247103 | 124.7 | 84.6 | 27.2 |
| 39643_at   | polymerase (DNA directed), gamma 2, accessory subunit                                    | POLG2   |  | U94703   | 1.2   | 0.1  | 27   |
| 595_at     | tumor necrosis factor, alpha-induced protein 3   | TNFAIP3 |  | M59465   | 65.1  | 11.4 | 26.6 |
| 42456_at   |  |         |  | AA758732 | 1.3   | 2.2  | 26.6 |
| 63780_at   | hypothetical protein FLJ11259  |         |  | AA814195 | 51.4  | 19.6 | 26.4 |

Figure 13F



|            |   |             |          |       |      |      |
|------------|---|-------------|----------|-------|------|------|
| 62561_at   | DnaJ (Hsp40) homolog, subfamily B, member 4                                       | DNAJB4      | A1741503 | 18.5  | 4.6  | 26.4 |
| 39594_f.at | metallothionein 1H  | MT1H        | R93527   | 91.6  | 9.4  | 26.1 |
| 37187_at   | GRO2 oncogene   | GRO2        | M36820   | 785   | 32   | 26.1 |
| 74689_at   | lymphocyte-activation gene 3  | LAG3        | AW003135 | 7.7   | 77.5 | 26.1 |
| 36398_at   |   |             | W28729   | 16.1  | 1.1  | 25.8 |
| 33413_at   | protein tyrosine phosphatase type IVA, member 1                                   | PTP4A1      | AF051160 | 8.5   | 2    | 25.8 |
| 190_at     | nuclear receptor subfamily 4, group A, member 3                                   | NR4A3       | U12767   | 29.1  | 24.6 | 25.8 |
| 33113_at   | Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 | CITED2      | U65093   | 5.8   | 0    | 25.7 |
| 40301_at   |   |             | A1703188 | 3.2   | 0    | 25.6 |
| 64293_at   |   |             | A1971000 | 3     | 0.8  | 25.6 |
| 41472_at   | phorbolin-like protein MDS019   |             | A1078641 | 22.9  | 41   | 25.5 |
| 427_f.at   | interferon, alpha 10  | IFNA10      | V00551   | 4.6   | 0.5  | 25.4 |
| 1370_at    | interleukin 7 receptor  | IL7R        | M29696   | 102.3 | 30.8 | 25.3 |
| 61368_at   |   |             | N22849   | 0.9   | 0.3  | 25.3 |
| 48873_at   | Gene 33/Mig-6   |             | A1571452 | 5.2   | 3.4  | 25.2 |
| 44921_at   |   |             | R42823   | 0.7   | 0    | 25   |
| 40004_at   | sine oculis homeobox ( <i>Drosophila</i> ) homolog 1                              | SIX1        | X91868   | 0.9   | 0.7  | 24.9 |
| 41992_at   |   |             | A1002966 | 3.1   | 4.9  | 24.9 |
| 33236_at   | retinoic acid receptor responder (tazarotene induced) 3                           | RARRES3     | AF060228 | 9.2   | 55.2 | 24.8 |
| 35985_at   | A kinase (PRKA) anchor protein 2  | AKAP2       | AB023137 | 49    | 20.1 | 24.6 |
| 37078_at   | CD3Z antigen, zeta polypeptide (TIT3 complex)                                     | CD3Z        | J04132   | 6.6   | 1.7  | 24.5 |
| 81966_at   |   |             | A1199418 | 31.2  | 19.8 | 24.4 |
| 45289_at   | novel Ras family protein  |             | AA133248 | 61.7  | 3.8  | 24.3 |
| 35669_at   | KIAA0633 protein  |             | AB014533 | 3.2   | 30.4 | 24.1 |
| 40757_at   | granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)      | GZMA        | M18737   | 5.6   | 1.3  | 23.9 |
| 81908_at   |   |             | A1650444 | 0     | 0.8  | 23.9 |
| 62214_at   | hypothetical protein FLJ11354   |             | A1583960 | 35.5  | 28.7 | 23.8 |
| 39726_at   | glucagon  | GCG         | J04040   | 1.1   | 0    | 23.6 |
| 61738_at   |   |             | A1475680 | 7.9   | 2.1  | 23.6 |
| 77244_at   | bHLH factor Hes4  |             | A1380603 | 64.7  | 15.4 | 23.6 |
| 56023_at   |   |             | A1041556 | 6.3   | 3.9  | 23.6 |
| 39168_at   | Ac-like transposable element  | ALTE        | AB018328 | 1     | 11.8 | 23.5 |
| 63342_at   | hypothetical protein  | hypoprotein | AA150254 | 31.6  | 2.4  | 23.4 |

Figure 13G

|            |   |         |          |       |      |      |
|------------|---|---------|----------|-------|------|------|
| 48167_r_at |   |         | AA513397 | 6     | 1.5  | 23.4 |
| 34759_at   |   |         | U68494   | 3.9   | 7.2  | 23.3 |
| 76364_at   |   |         | AA643507 | 6.4   | 17.1 | 23.3 |
| 63607_at   | hypothetical protein FLJ20360   |         | A1923841 | 0     | 0.7  | 23.3 |
| 59451_at   |   |         | A1800640 | 5.3   | 6.2  | 23.2 |
| 65615_at   | KIAA0129 gene product   |         | AA843533 | 3.2   | 0.8  | 22.9 |
| 44057_at   | hypothetical protein FLJ10633   |         | AA708740 | 0     | 0    | 22.9 |
| 67846_at   |   |         | A1217382 | 4.8   | 0.6  | 22.9 |
| 43197_at   |   |         | AA863064 | 0.9   | 0.9  | 22.8 |
| 53609_at   |   |         | C14904   | 39.3  | 13   | 22.8 |
| 51104_at   |   |         | A1937446 | 37.7  | 10.5 | 22.6 |
| 51550_at   |   |         | A1681179 | 34    | 13.3 | 22.5 |
| 59650_at   | hypothetical protein  |         | AA160474 | 7.2   | 2.8  | 22.5 |
| 51920_at   | melanoma differentiation associated protein-5   |         | AA134958 | 61.8  | 41.7 | 22.4 |
| 32587_at   | butyrate response factor 2 (EGF-response factor 2)  | BRF2    | U07802   | 2     | 0    | 22.2 |
| 87425_at   |   |         | A1239840 | 8.2   | 0.5  | 22.2 |
| 1036_at    | interleukin 15  | IL15    | U14407   | 64.7  | 16.6 | 22.1 |
| 62649_i_at |   |         | N35156   | 1.3   | 4.3  | 22.1 |
| 46926_at   |   |         | R61533   | 0     | 0.5  | 22   |
| 63749_at   | KIAA1610 protein  |         | AA411556 | 2     | 0    | 22   |
| 63368_at   |   |         | W81119   | 0     | 4.8  | 22   |
| 40419_at   | erythrocyte membrane protein band 7.2 (stomatin)  | EPB72   | X85116   | 42.8  | 19   | 21.9 |
| 41446_f_at | RNA helicase-related protein  |         | H68340   | 71.4  | 10.1 | 21.9 |
| 39821_s_at | growth arrest and DNA-damage-inducible, beta  | GADD45B | N95168   | 11.8  | 7.1  | 21.4 |
| 46829_at   |   |         | N49940   | 0.8   | 3.2  | 21.4 |
| 55940_at   |   |         | A1701480 | 0     | 5.2  | 21.4 |
| 50210_at   |   |         | AA429326 | 5.8   | 19.9 | 21.3 |
| 71370_f_at |   |         | T55845   | 0     | 0    | 21.2 |
| 41744_at   | tumor necrosis factor alpha-inducible cellular protein containing leucine zipper domains; Huntingtin interacting protein L; transcription factor IIIA-interacting protein |         | AF070533 | 26    | 45.9 | 21.1 |
| 35849_at   | phosphatidylserine receptor   |         | AB011157 | 0     | 0.9  | 21   |
| 63628_at   | interleukin 7 receptor  | IL7R    | A1655781 | 123.1 | 41.5 | 20.9 |
| 62246_at   |   |         | T92947   | 6.8   | 3.4  | 20.8 |
| 53489_at   |   |         | A1928764 | 18.3  | 8.5  | 20.8 |

Figure 13H

|            |  |         |          |       |      |      |
|------------|--|---------|----------|-------|------|------|
| 34214_at   | KIAA0644 gene product  |         | AB014544 | 2.5   | 7.3  | 20.7 |
| 35844_at   | syndecan 4 (amphiglycan, ryudocan)                                       | SDC4    | D79206   | 77.4  | 5.8  | 20.7 |
| 64683_at   |  |         | A1681906 | 1.3   | 0.1  | 20.7 |
| 47643_at   |  |         | H10322   | 0.5   | 2    | 20.7 |
| 35606_at   | histidine decarboxylase  | HDC     | D16583   | 5.7   | 2.6  | 20.5 |
| 51141_at   | protein kinase domains containing protein similar to phosphoprotein C8FW |         | A1949781 | 1.3   | 7.1  | 20.5 |
| 37060_at   |  |         | U79289   | 1.5   | 0.9  | 20.4 |
| 51161_at   | ras homolog gene family, member A  | ARHA    | A1743085 | 20.9  | 5.2  | 20.3 |
| 86293_at   |  |         | A1439642 | 7.4   | 2.3  | 20.3 |
| 1717_s_at  | baculoviral IAP repeat-containing 3                                      | BIRC3   | U45878   | 63.1  | 47.7 | 20.2 |
| 58867_s_at | immunoglobulin lambda locus  | IGL@    | A1872510 | 3     | 2.9  | 20.2 |
| 1005_at    | dual specificity phosphatase 1   | DUSP1   | X68277   | 44.6  | 0.2  | 20.1 |
| 36139_at   | DKFZP586G0522 protein  |         | AL050289 | 28.5  | 1.5  | 20.1 |
| 609_f_at   | metallothionein 1B (functional)  | MT1B    | M13485   | 116.3 | 11.1 | 20.1 |
| 40505_at   | ubiquitin-conjugating enzyme E2L 6                                       | UBE2L6  | AA883502 | 29.7  | 38.7 | 20   |
| 33380_at   | topoisomerase-related function protein 4.1                               |         | AB005754 | 6.9   | 6.7  | 20   |
| 34595_at   | myosin, heavy polypeptide-like (110kD)                                   | MYHL    | AF105424 | 10.9  | 1.8  | 20   |
| 58391_at   | testis zinc finger protein   |         | A1798147 | 55.2  | 2.9  | 20   |
| 60812_at   | pyruvate dehydrogenase phosphatase                                       |         | A1625803 | 0     | 1    | 19.9 |
| 48076_at   | hypothetical protein   |         | A1949434 | 24.1  | 7.5  | 19.9 |
| 55362_at   |  |         | A1653767 | 4.6   | 18.2 | 19.8 |
| 33273_f_at | immunoglobulin lambda locus  | IGL@    | X57809   | 0.5   | 1.5  | 19.7 |
| 52905_at   | Rag C protein  |         | A1279898 | 26.9  | 14.5 | 19.7 |
| 41582_at   | adillin  |         | AF041449 | 1.7   | 0    | 19.5 |
| 31540_at   | tumor necrosis factor receptor superfamily, member 9                     | TNFRSF9 | U03397   | 72.2  | 7.8  | 19.5 |
| 47090_at   | similar to mouse Xrn1 / Dhm2 protein                                     |         | A1004667 | 37.2  | 45.7 | 19.5 |
| 41544_at   | serum-inducible kinase   |         | AF059617 | 24.6  | 0.2  | 19.4 |
| 1173_g_at  |  |         |          | 26.2  | 15.6 | 19.2 |
| 65031_at   |  |         | A1142111 | 0.7   | 1.1  | 19.1 |
| 40700_at   | nuclear body protein Spl40   |         | U36500   | 3.7   | 13.3 | 19   |
| 34460_at   | peripheral benzodiazepine receptor-associated protein 1                  |         | AB014512 | 1.9   | 0.2  | 19   |
| 90662_at   | 2'-5'-oligoadenylate synthetase 2  | OAS2    | A1340262 | 25.2  | 27.3 | 19   |
| 38787_at   | promyelocytic leukemia   | PML     | X63131   | 17.9  | 49.4 | 18.9 |
| 39755_at   | X-box binding protein 1  | XBP1    | Z93930   | 15.7  | 2.1  | 18.8 |

Figure 13I

|            |  |  |         |          |       |       |      |
|------------|--|--|---------|----------|-------|-------|------|
| 81333_at   |  |  |         | AI350977 | 2.1   | 2.8   | 18.8 |
| 52183_at   |  |  |         | AA243659 | 33.5  | 15.4  | 18.8 |
| 43373_s.at |  |  |         | AA176915 | 0     | 0.1   | 18.7 |
| 1737_s.at  | insulin-like growth factor-binding protein 4   |  | IGFBP4  | M62403   | 26.2  | 72    | 18.6 |
| 40323_at   | CD38 antigen (p45)   |  | CD38    | D84276   | 160.1 | 102.8 | 18.6 |
| 43853_at   | hypothetical protein   |  |         | AA618602 | 296.2 | 15.3  | 18.6 |
| 56969_f.at |  |  |         | AI658703 | 8.2   | 3.1   | 18.6 |
| 37701_at   | regulator of G-protein signalling 2, 24kD  |  | RGS2    | L13463   | 9.2   | 1.3   | 18.5 |
| 48416_at   | hypothetical protein HDCMC04P  |  |         | AA082707 | 0     | 0     | 18.5 |
| 56103_at   |  |  |         | H48444   | 0.3   | 0.6   | 18.5 |
| 56244_at   |  |  |         | H64595   | 0.6   | 0.6   | 18.5 |
| 36227_at   |  |  |         | AF043129 | 63.4  | 21.8  | 18.5 |
| 38631_at   | tumor necrosis factor, alpha-induced protein 2   |  | TNFAIP2 | M92357   | 63.8  | 17.8  | 18.4 |
| 41635_at   | Wilms' tumour 1-associating protein  |  |         | D14661   | 31.6  | 6.1   | 18.4 |
| 36019_at   | serine/threonine kinase 19   |  | STK19   | L26260   | 25.5  | 0.6   | 18.4 |
| 38369_at   | myeloid differentiation primary response gene (88)                                       |  | MYD88   | U70451   | 5.1   | 15    | 18.4 |
| 62512_at   |  |  |         | AI927692 | 9.7   | 7.3   | 18.4 |
| 40447_at   | lipin 2  |  | LIPIN2  | D87436   | 20.2  | 47.2  | 18.2 |
| 48357_at   | ribosomal protein S28  |  | RPS28   | AA968694 | 0.2   | 5     | 18.1 |
| 83734_at   |  |  |         | AI381435 | 5.6   | 12    | 18.1 |
| 91655_f.at |  |  |         | AI419764 | 3.1   | 3.5   | 18.1 |
| 39224_at   | KIAA0580 protein   |  |         | AF011152 | 71.4  | 27.4  | 18   |
| 33106_at   | nuclear receptor subfamily 1, group H, member 3  |  | NR1H3   | U22662   | 13.2  | 18.1  | 18   |
| 1377_at    | nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)              |  | NFKB1   | M58603   | 54.5  | 18.3  | 18   |
| 87811_at   |  |  |         | AA868517 | 22.9  | 1.1   | 18   |
| 43186_at   |  |  |         | AA394226 | 7.3   | 4.1   | 18   |
| 51725_at   |  |  |         | AA521246 | 129.3 | 35.4  | 18   |
| 43939_at   |  |  |         | AI590710 | 44.5  | 9.7   | 18   |
| 39221_at   | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2 |  | LILRB2  | AF004231 | 62.6  | 6.1   | 17.8 |
| 86419_f.at |  |  |         | AA837464 | 2.1   | 0.3   | 17.8 |
| 55776_at   |  |  |         | W20082   | 16.8  | 26.9  | 17.7 |
| 45237_at   | superoxide dismutase 2, mitochondrial  |  | SOD2    | AA142976 | 84.4  | 32.6  | 17.7 |
| 59403_at   | coatomer protein complex, subunit beta   |  | COPB    | AA402414 | 1     | 1.6   | 17.7 |

Figure 13J

|            |   |          |          |        |       |      |
|------------|---|----------|----------|--------|-------|------|
| 74567_at   |   |          | AI424832 | 2.5    | 0.4   | 17.6 |
| 79341_at   |   |          | AA084622 | 7      | 12    | 17.6 |
| 1075_f_at  | interferon, alpha 16  |          | M28585   | 1.2    | 0.5   | 17.5 |
| 52591_s_at | glutamate-cysteine ligase, catalytic subunit                                | IFNA16   | AI971137 | 0      | 5.6   | 17.5 |
| 50049_f_at |   | GCLC     | AA045236 | 0.7    | 0.6   | 17.5 |
| 35817_at   | myelin basic protein  | MBP      | M13577   | 2.1    | 2     | 17.4 |
| 49459_at   | apolipoprotein L  | APOL1    | AA156784 | 25.2   | 18.2  | 17.4 |
| 35822_at   | B factor, properdin   | BF       | L15702   | 1635.7 | 287.1 | 17.3 |
| 87415_at   |   |          | W73083   | 22.7   | 4.8   | 17.3 |
| 44060_at   | selenoprotein W, 1  | SEPW1    | AA625451 | 4.6    | 1.9   | 17.2 |
| 90375_at   |   |          | N25135   | 0      | 0     | 17.2 |
| 52989_at   |   |          | 3143817  | 0.3    | 0.1   | 17.2 |
| 33499_s_at | immunoglobulin heavy constant gamma 3 (G3m marker)                          | IGHG3    | AF067420 | 5.9    | 3.8   | 17.1 |
| 39775_at   | serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1 | SERPING1 | X54486   | 41.5   | 67.8  | 17.1 |
| 58161_at   |   |          | AA813728 | 9.7    | 1.5   | 17.1 |
| 49496_at   |   |          | AA521168 | 1.1    | 7.4   | 17.1 |
| 58889_at   |   |          | R45627   | 0.2    | 0     | 17   |
| 39517_at   | hypothetical protein 23851  |          | AF035313 | 20.5   | 14.3  | 16.9 |
| 39412_at   | zinc finger protein 173   | ZNF173   | U09825   | 4.3    | 5     | 16.9 |
| 40390_at   | serine dehydratase  | SDS      | J05037   | 3.7    | 5.2   | 16.9 |
| 40686_at   | neuromedin B  | NMB      | A1985272 | 2.9    | 3.2   | 16.9 |
| 38342_at   | KIAA0239 protein  |          | D87076   | 4.2    | 10.8  | 16.9 |
| 60001_at   |   |          | AA405241 | 0.6    | 2.4   | 16.9 |
| 51672_f_at |   |          | AI161358 | 14.7   | 5.7   | 16.9 |
| 35408_l_at | zinc finger protein 44 (KOX 7)  | ZNF44    | X16281   | 3.8    | 1.5   | 16.8 |
| 35224_at   |   |          | AF070569 | 7.9    | 1.9   | 16.8 |
| 50310_at   |   |          | 2805207  | 0      | 1.9   | 16.8 |
| 41475_at   | ninjurin 1  | NINJ1    | U91512   | 65.2   | 35.7  | 16.7 |
| 35868_at   | advanced glycosylation end product-specific receptor                        | AGER     | M91211   | 3.2    | 1     | 16.7 |
| 34445_at   | KIAA0471 gene product   |          | AB007940 | 1.2    | 6.4   | 16.7 |
| 36575_at   | regulator of G-protein signalling 1   | RGS1     | S59049   | 31     | 46.9  | 16.7 |
| 61148_at   |   |          | AA884400 | 1.5    | 1.5   | 16.7 |
| 37531_at   | KIAA0210 gene product   |          | D86965   | 1.6    | 0.7   | 16.6 |

Figure 13K

|            |   |         |          |      |      |      |
|------------|---|---------|----------|------|------|------|
| 32026_s_at | PDZ domain containing guanine nucleotide exchange factor(GEF1)                                    |         | AB002311 | 68.3 | 25.1 | 16.6 |
| 49875_at   |   |         |          |      |      |      |
| 56525_at   | integral membrane protein 2B  | ITM2B   | A1733353 | 6.3  | 5.9  | 16.6 |
| 48767_at   | ALEX1 protein   |         | N73873   | 7.7  | 0.6  | 16.6 |
| 77840_f_at |   |         | A1693923 | 3.8  | 5.8  | 16.6 |
| 32595_at   | G-rich RNA sequence binding factor 1  |         | A1720888 | 4.4  | 8.1  | 16.6 |
| 32253_at   | arginine-glutamic acid dipeptide (RE) repeats   | GRSF1   | U07231   | 7.8  | 22.7 | 16.5 |
| 39132_at   | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 | RE      | AB007927 | 0    | 3.9  | 16.4 |
|            |   | SMARCA5 | AB010882 | 7.1  | 3.9  | 16.4 |
| 35099_at   | apolipoprotein L  | APOL1   | AF019225 | 8.3  | 7    | 16.3 |
| 32088_at   | basic leucine zipper nuclear factor 1 (JEM-1)   | BLZF1   | U79751   | 9.7  | 6.4  | 16.3 |
| 33849_at   | pre-B-cell colony-enhancing factor  |         | U02020   | 41   | 8.3  | 16.3 |
| 35337_at   | F-box only protein 7  | FBXO7   | AL050254 | 8.6  | 8.5  | 16.3 |
| 33969_at   | interferon, omega 1   | IFNW1   | X58822   | 3.6  | 1.5  | 16.3 |
| 38450_at   | Siogren syndrome antigen B (autoantigen La)   | SSB     | X69804   | 1.4  | 7.7  | 16.2 |
| 44126_at   |   |         | W28501   | 73.5 | 28.6 | 16.2 |
| 46867_at   |   |         | A1659243 | 0    | 0.7  | 16.2 |
| 64692_at   |   |         | W30810   | 10.8 | 3.6  | 16.2 |
| 83553_f_at |   |         | AA703100 | 6.6  | 1.9  | 16.2 |
| 37168_at   | similar to lysosome-associated membrane glycoprotein  |         | AB013924 | 90.9 | 50.6 | 16.1 |
| 33035_at   | ribosomal protein L34 pseudogene 1  | RPL34P1 | AL021397 | 7.5  | 0.1  | 16.1 |
| 38576_at   | H2B histone family, member B  | H2BFB   | AJ233353 | 37.4 | 13.7 | 16.1 |
| 34439_at   | absent in melanoma 2  | AIM2    | AF024714 | 40.9 | 18.1 | 16   |
| 1326_at    | caspase 10, apoptosis-related cysteine protease   | CASP10  | U60519   | 7.2  | 18.6 | 15.9 |
| 81061_at   |   |         | A1978710 | 0.5  | 0.9  | 15.9 |
| 59052_at   | similar to aspartate beta hydroxylase (ASPH)  |         | T83087   | 0    | 1.5  | 15.9 |
| 55915_r_at | hypothetical protein LOC54149   |         | A1922520 | 5.2  | 13.7 | 15.9 |
| 69458_f_at |   |         | A1693465 | 5.6  | 2.1  | 15.9 |
| 62217_at   |   |         | T81422   | 23.7 | 7.2  | 15.8 |
| 49438_at   |   |         | A1535730 | 68.4 | 21   | 15.8 |
| 31345_at   | airway trypsin-like protease  |         | AB002134 | 4.6  | 2.7  | 15.7 |
| 35015_at   | CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)  | CD80    | M27533   | 61   | 26.5 | 15.7 |
| 42893_at   |   |         | R16983   | 3.1  | 3.7  | 15.7 |
| 54398_at   |   |         | AA679287 | 4.1  | 1.6  | 15.7 |

Figure 13L

|            |  |        |          |      |      |      |
|------------|--|--------|----------|------|------|------|
| 88629_at   |  |        | AI337136 | 42   | 18.5 | 15.7 |
| 36423_at   | p8 protein (candidate of metastasis 1)                                       |        | W47047   | 3.1  | 1    | 15.6 |
| 56307_at   |  |        | AI862477 | 0    | 2.3  | 15.6 |
| 49241_at   |  |        | AI376957 | 3.6  | 4.6  | 15.6 |
| 61074_at   |  |        | AI817642 | 0.4  | 0    | 15.4 |
| 37137_at   | granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) | GZMB   | M17016   | 52.3 | 9.1  | 15.3 |
| 36760_at   |  |        | U79277   | 1.2  | 0.9  | 15.3 |
| 65008_g_at | splicing factor (CC1.3)  |        | AI539492 | 2.1  | 1.1  | 15.3 |
| 60190_at   |  |        | AI668659 | 1.8  | 1.7  | 15.3 |
| 51032_at   | proteasome (prosome, macropain) 26S subunit, ATPase, 2                       | PSMC2  | AI754675 | 0    | 0    | 15.3 |
| 287_at     | activating transcription factor 3  | ATF3   | L19871   | 9.2  | 4.8  | 15.2 |
| 36097_at   | immediate early protein  |        | M62831   | 6.2  | 1.6  | 15.2 |
| 33814_at   | protein kinase related to <i>S. cerevisiae</i> STE20, effector for Cdc42Hs   |        | AF005046 | 3.5  | 2.3  | 15.1 |
| 39660_at   | defensin, beta 1   | DEFB1  | AI309115 | 21.1 | 7.8  | 15.1 |
| 70682_at   | YME1 ( <i>S.cerevisiae</i> )-like 1  | YME1L1 | AI832869 | 0.4  | 3    | 15.1 |
| 32344_r_at | potassium voltage-gated channel, shaker-related subfamily, member 4          | KCNA4  | M55514   | 0.3  | 0.8  | 15   |
| 50205_at   | leptin receptor  | LEPR   | N46838   | 5.2  | 5.1  | 15   |
| 44594_at   | CGI-112 protein  |        | AA570477 | 1    | 2.2  | 15   |
| 40434_at   | podocalyxin-like   | PODXL  | U97519   | 3.7  | 1.4  | 14.9 |
| 45234_at   |  |        | AA648522 | 7.8  | 11.3 | 14.9 |
| 1008_f_at  | protein kinase, interferon-inducible double stranded RNA dependent           | PRKR   | U50648   | 2.6  | 1.7  | 14.9 |
| 49634_at   |  |        | N51441   | 0    | 3.2  | 14.9 |
| 90424_r_at |  |        | AI122603 | 11.7 | 1.2  | 14.9 |
| 38678_at   | small nuclear ribonucleoprotein polypeptide E                                | SNRPE  | AA733050 | 1.2  | 0.4  | 14.8 |
| 37064_at   |  |        | U66048   | 3.4  | 2.8  | 14.8 |
| 73776_at   |  |        | AI554044 | 18.6 | 13.5 | 14.8 |
| 53016_at   | hypothetical protein FLJ20654  |        | AI121389 | 1.2  | 1.8  | 14.8 |
| 920_at     | natural killer-tumor recognition sequence                                    | NKTR   | L04288   | 6.4  | 0    | 14.7 |
| 54769_at   |  |        | AA203416 | 33.9 | 10.8 | 14.7 |
| 52111_at   |  |        | H47347   | 1.3  | 1.5  | 14.7 |
| 48259_at   |  |        | AI123757 | 3.7  | 2.4  | 14.7 |

Figure 13M

|            |   |        |          |       |      |      |
|------------|---|--------|----------|-------|------|------|
| 49258_at   | hypothetical protein DKFZp761B2423  |        | AW007698 | 10    | 1    | 14.7 |
| 48753_at   | PPAR(gamma) angiopoietin related protein  |        | N57259   | 126   | 7.9  | 14.7 |
| 636_at     |   |        | L43338   | 1.1   | 0.2  | 14.7 |
| 39827_at   | hypothetical protein  |        | AA522530 | 245.1 | 38.4 | 14.6 |
| 33955_at   | interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) | IL12A  | M65291   | 250.2 | 18.4 | 14.6 |
| 50246_at   | hypothetical protein PRO2900  |        | AI992178 | 2     | 3.2  | 14.6 |
| 54579_at   |   |        | AI799534 | 0.1   | 5.9  | 14.6 |
| 52855_at   |   |        | AI885781 | 4.7   | 11.3 | 14.6 |
| 55518_at   | tachykinin 3 (neuromedin K, neurokinin beta)  | TAC3   | AA004764 | 13.1  | 4.2  | 14.6 |
| 35718_at   | interferon-induced protein 41, 30kD   | IFI41  | L22342   | 23    | 37.3 | 14.5 |
| 74681_at   | transcription factor (SMIF gene)  |        | AI018220 | 3.6   | 1.4  | 14.5 |
| 46655_at   |   |        | AA131327 | 16.6  | 8    | 14.5 |
| 48978_at   | platelet-derived growth factor receptor-like  | PDGFR  | AI769281 | 1.4   | 1.8  | 14.5 |
| 1761_at    | small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig.je)                  | SCYA2  | D37965   | 11.9  | 34.7 | 14.4 |
| 875_g_at   |   |        | M26683   | 2.5   | 15   | 14.4 |
| 1586_at    | insulin-like growth factor binding protein 3  | IGFBP3 | M35878   | 24.9  | 3    | 14.4 |
| 39265_at   | hypothetical protein DKFZp761B2423  |        | AI538172 | 7.7   | 0.8  | 14.4 |
| 34375_at   | small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig.je)                  | SCYA2  | M28225   | 2.7   | 15   | 14.4 |
| 63769_at   |   |        | AI749656 | 67.8  | 49   | 14.3 |
| 1527_s_at  |   |        | U50527   | 82.5  | 50.7 | 14.2 |
| 58933_i_at |   |        | AA526392 | 0.7   | 6.4  | 14.2 |
| 61675_at   |   |        | AI949662 | 9.1   | 12.7 | 14.2 |
| 48896_at   | carboxypeptidase A3   |        | AI082244 | 3.3   | 3.6  | 14.2 |
| 39364_s_at | protein phosphatase 1, regulatory (inhibitor) subunit 5   | PPP1R5 | Y18207   | 1.7   | 0.3  | 14.1 |
| 74975_f_at | zinc finger protein 173   | ZNF173 | AW009746 | 5.5   | 5.5  | 14.1 |
| 74566_at   | insulin-like growth factor-binding protein 4  | IGFBP4 | AI440424 | 13.7  | 75.4 | 14.1 |
| 56805_at   |   |        | N52761   | 16.8  | 10.4 | 14.1 |
| 38935_at   |   |        | X72790   | 4.3   | 2.3  | 14.1 |
| 36059_at   | low density lipoprotein receptor-related protein 4  | LRP4   | AB011540 | 1     | 1    | 14.1 |
| 55712_at   |   |        | AI821417 | 0.4   | 1.7  | 14.1 |
| 46522_at   |   |        | AI021992 | 31.5  | 0.1  | 14.1 |
| 47533_at   |   |        | AI982765 | 18.6  | 12.9 | 14.1 |

Figure 13N



|            |  |         |          |      |      |      |
|------------|--|---------|----------|------|------|------|
| 35488_at   | small nuclear RNA activating complex, polypeptide 1, 43kD                              | SNAPC1  | U44754   | 3.4  | 0.8  | 13.9 |
| 823_at     | small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin) | SCYD1   | U84487   | 3.9  | 1.1  | 13.9 |
| 40755_at   | MHC class I polypeptide-related sequence A   | MICA    | X92841   | 15.4 | 8    | 13.9 |
| 80773_at   |  |         | H15073   | 51.8 | 9.8  | 13.9 |
| 46526_at   | hypothetical protein MGC5242   |         | A1434025 | 14.2 | 13.4 | 13.9 |
| 56619_at   |  |         | A1808330 | 8.6  | 5.4  | 13.9 |
| 1089_i_at  |  |         | M64936   | 11.1 | 3.3  | 13.9 |
| 48431_at   | fucosyltransferase 4 (alpha (1.3) fucosyltransferase, myeloid-specific)                | FUT4    | A1970292 | 6    | 14.7 | 13.8 |
| 47032_at   |  |         | A1885390 | 1.5  | 4.3  | 13.8 |
| 36934_at   | hypothetical protein LOC57158  |         | AL035447 | 7.8  | 3.9  | 13.6 |
| 37049_g_at | translocase of outer mitochondrial membrane 34   |         | U58970   | 12.6 | 17.9 | 13.6 |
| 38750_at   | Notch (Drosophila) homolog 3   | NOTCH3  | U97669   | 2.3  | 4.4  | 13.6 |
| 56019_f_at |  |         | AA992380 | 1.8  | 1.7  | 13.6 |
| 32693_at   | KIAA1040 protein   |         | AB028963 | 4.4  | 0.7  | 13.5 |
| 36578_at   | baculoviral IAP repeat-containing 2  | BIRC2   | U37547   | 18.6 | 4.9  | 13.5 |
| 37249_at   | phosphodiesterase 8B   | PDE8B   | AF079529 | 1.1  | 0    | 13.5 |
| 38017_at   | CD79A antigen (immunoglobulin-associated alpha)  | CD79A   | U05259   | 0.3  | 0.5  | 13.5 |
| 143_s_at   | TATA box binding protein (TBP)-associated factor, RNA polymerase II, D, 100kD          | TAF2D   | U75309   | 1.3  | 0    | 13.5 |
| 58182_r_at |  |         | AA814034 | 0    | 1.8  | 13.5 |
| 51450_s_at |  |         | AA121544 | 2.6  | 1.2  | 13.5 |
| 32533_s_at | vesicle-associated membrane protein 5 (myobrevin)                                      | VAMP5   | AF054825 | 14.5 | 39.7 | 13.4 |
| 41052_s_at | calcium channel, voltage-dependent, P/Q type, alpha 1A subunit                         | CACNA1A | U79666   | 0.3  | 3    | 13.4 |
| 47899_at   |  |         | AA056755 | 23.8 | 16.9 | 13.4 |
| 84064_at   |  |         | A1365233 | 0.8  | 1.3  | 13.4 |
| 64194_at   | hypothetical protein FLJ10903  |         | H14920   | 0    | 0.2  | 13.4 |
| 63746_i_at |  |         | AA279977 | 2.3  | 0    | 13.4 |
| 36729_g_at | adrenergic, alpha-1D-, receptor  | ADRA1D  | M76446   | 0.9  | 2.6  | 13.3 |
| 36674_at   | small inducible cytokine A4 (homologous to mouse Mip-1b)                               | SCYA4   | J04130   | 30.3 | 13.4 | 13.3 |
| 44729_at   | hypothetical protein FLJ13855  |         | A1027524 | 28.8 | 10.5 | 13.3 |
| 51105_at   | Rho guanine nucleotide exchange factor (GEF) 3   | ARHGEF3 | N57933   | 0    | 5.7  | 13.3 |

Figure 13O

|            |   |       |          |      |      |      |
|------------|---|-------|----------|------|------|------|
| 39356_at   | homolog of yeast ubiquitin-protein ligase Rsp5; potential epithelial sodium channel regulator |       | AB007899 | 2    | 1    | 13.2 |
| 34308_at   | H2A histone family, member L  | H2AFL | U90551   | 14   | 4.9  | 13.2 |
| 33527_at   | potassium inwardly-rectifying channel, subfamily J, member 3                                  | KCNJ3 | U39196   | 0.6  | 2.9  | 13.2 |
| 846_s_at   | BCL2-antagonist/killer 1  | BAK1  | U16811   | 1.4  | 3.6  | 13.2 |
| 45306_at   |   |       | AA742560 | 1.2  | 5.4  | 13.2 |
| 89589_f.at |   |       | R05527   | 0    | 0.1  | 13.2 |
| 36214_at   | Kruppel-like factor 4 (gut)   | KLF4  | U70663   | 0.2  | 0    | 13.1 |
| 48919_at   | potassium inwardly-rectifying channel, subfamily J, member 2                                  | KCNJ2 | AA393850 | 130  | 11.2 | 13.1 |
| 68002_at   |   |       | AA503803 | 21.9 | 17.2 | 13.1 |
| 88861_at   |   |       | AI680122 | 0.7  | 0.9  | 13.1 |
| 42116_at   |   |       | AA398118 | 2.4  | 0    | 13.1 |
| 40113_at   | GS3955 protein  |       | D87119   | 0    | 4.7  | 13   |
| 34227_i.at | proteoglycan 4, (megakaryocyte stimulating factor, articular superficial zone protein)        | PRG4  | U70136   | 5.8  | 0.7  | 13   |
| 32233_at   | torsin family 1, member B (torsin B)  | TOR1B | AF007872 | 5    | 6.9  | 13   |
| 47371_at   |   |       | AA017037 | 3.9  | 7    | 13   |
| 48062_at   |   |       | AA418490 | 13.8 | 0.1  | 13   |
| 45178_at   | RAP1A, member of RAS oncogene family  | RAP1A | AI476340 | 0    | 0.1  | 13   |
| 39857_at   | syntaxin 11   | STX11 | AF044309 | 12.7 | 5.6  | 12.9 |
| 464_s_at   | interferon-induced protein 35   | IFI35 | U72882   | 24.3 | 35.4 | 12.9 |
| 36459_at   | ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)                        | ENPP4 | AB020686 | 10.3 | 1.2  | 12.9 |
| 88714_at   |   |       | AA873008 | 94.5 | 63.3 | 12.9 |
| 47447_at   |   |       | AI262829 | 3.6  | 3.6  | 12.9 |
| 49237_at   | RNA binding motif protein, X chromosome   | RBMX  | AI971694 | 4.9  | 2.5  | 12.8 |
| 44200_at   |   |       | AI420959 | 0    | 3.3  | 12.8 |
| 72290_r.at |   |       | AA814901 | 9.1  | 10.9 | 12.8 |
| 56871_at   |   |       | AI953847 | 25.7 | 8.6  | 12.8 |
| 80045_at   |   |       | AI989871 | 29.1 | 26.8 | 12.8 |
| 90850_f.at |   |       | AI522161 | 2    | 0    | 12.8 |
| 38904_at   | v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog                               | SRC   | AF077754 | 4.6  | 1.9  | 12.7 |
| 34898_at   | amphiregulin (schwannoma-derived growth factor)   | AREG  | M30704   | 4.4  | 0.1  | 12.7 |
| 85409_at   |   |       | AI253672 | 10.9 | 11.1 | 12.7 |

Figure 13P

|            |  |         |  |          |      |      |      |
|------------|--|---------|--|----------|------|------|------|
| 62480_at   |  |         |  | A1446414 | 3.1  | 3.8  | 12.7 |
| 44978_at   | Ac-like transposable element   | ALTE    |  | A1979194 | 1    | 7.5  | 12.7 |
| 34476_r_at | epiregulin   | EREG    |  | D30783   | 36.5 | 0.8  | 12.6 |
| 38156_at   | MyoD family inhibitor  | MDFI    |  | U78313   | 0.4  | 0    | 12.6 |
| 31889_at   | melan-A  | MLANA   |  | U06452   | 4.2  | 0.3  | 12.6 |
| 38824_at   | Tat-interacting protein (30KD)   |         |  | AF039103 | 5.1  | 5.8  | 12.6 |
| 46133_at   |  |         |  | W60263   | 34.8 | 34.9 | 12.6 |
| 37674_at   | aminolevulinate, delta-, synthase 1  | ALAS1   |  | Y00451   | 9.9  | 3.7  | 12.5 |
| 53855_at   |  |         |  | N36284   | 20.1 | 12.7 | 12.5 |
| 59008_l_at |  |         |  | A1815758 | 7    | 4.2  | 12.5 |
| 72959_at   |  |         |  | T93073   | 1.4  | 3.2  | 12.5 |
| 53126_at   | NK homeobox (Drosophila), family 3, A  | NKX3A   |  | A1557413 | 63.8 | 2.8  | 12.5 |
| 1894_f_at  |  |         |  | L27065   | 0.5  | 0.4  | 12.5 |
| 1383_at    | protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform | PPP2R2A |  | M64929   | 5.3  | 7.5  | 12.4 |
| 1788_s_at  | dual specificity phosphatase 4   | DUSP4   |  | U48807   | 10.8 | 35.6 | 12.4 |
| 38207_at   |  |         |  | AW006742 | 13.4 | 6.4  | 12.4 |
| 1895_at    | v-jun avian sarcoma virus 17 oncogene homolog                                    | JUN     |  | J04111   | 2.1  | 2.3  | 12.4 |
| 50825_at   |  |         |  | W23499   | 3.5  | 2.8  | 12.4 |
| 53801_at   |  |         |  | AL045781 | 2.4  | 1.3  | 12.4 |
| 51388_at   |  |         |  | AA827683 | 0    | 0    | 12.4 |
| 52228_at   |  |         |  | AI242476 | 0.2  | 1.6  | 12.4 |
| 55051_at   |  |         |  | AA005281 | 14.7 | 16.7 | 12.4 |
| 1435_f_at  | interferon, alpha 21   | IFNA21  |  | V00540   | 0    | 0.5  | 12.3 |
| 35514_at   | KIAA0861 protein   |         |  | AA916905 | 1.6  | 0    | 12.3 |
| 33031_at   |  |         |  | AL079289 | 11.6 | 0.5  | 12.3 |
| 946_at     | t-complex-associated-testis-expressed 1-like 1                                   | TC1EL1  |  | D50663   | 22.1 | 20.3 | 12.3 |
| 56832_at   |  |         |  | AI871408 | 13.7 | 6.9  | 12.3 |
| 49136_at   |  |         |  | W56900   | 1.1  | 7.4  | 12.3 |
| 48493_at   | myosin 5C  | MYO5C   |  | AA195002 | 0.9  | 3.8  | 12.3 |
| 73715_at   |  |         |  | AI126206 | 4.6  | 1.9  | 12.3 |
| 58550_at   |  |         |  | AA081874 | 0.9  | 0.2  | 12.3 |
| 46169_at   |  |         |  | AI745624 | 5    | 4.5  | 12.3 |
| 53567_at   |  |         |  | AW003119 | 0    | 0.2  | 12.3 |
| 47128_at   |  |         |  | AI341820 | 2    | 3.3  | 12.3 |

Figure 13Q

|            |   |         |          |       |      |      |
|------------|---|---------|----------|-------|------|------|
| 39402_at   | interleukin 1, beta   | IL1B    | M15330   | 468.5 | 30.5 | 12.2 |
| 35251_at   | human immunodeficiency virus type 1 enhancer-binding protein 1          | HIVP1   | X51435   | 5.6   | 6.4  | 12.2 |
| 37558_at   | IGF-II mRNA-binding protein 3   |         | U97188   | 3.5   | 11.9 | 12.2 |
| 54648_at   |   |         | AA810864 | 0.2   | 1.6  | 12.2 |
| 49321_at   |   |         | AI161111 | 0.4   | 2.8  | 12.2 |
| 67650_at   |   |         | AI624103 | 2.5   | 0.2  | 12.2 |
| 49088_at   |   |         | AI625805 | 5     | 6.2  | 12.2 |
| 37129_at   | neuropeptide FF-amide peptide precursor                                 | NPFF    | AI936758 | 1.9   | 1.2  | 12.1 |
| 38082_at   | KIAA0650 protein  |         | AB014550 | 3.7   | 3    | 12.1 |
| 65402_at   |   |         | R71414   | 0.8   | 3    | 12.1 |
| 45072_r_at |   |         | AI033014 | 3.6   | 5.8  | 12.1 |
| 50296_l_at | apolipoprotein L 3  | APOL3   | T63428   | 20    | 24.4 | 12.1 |
| 38888_at   | leucine-rich, glioma inactivated 1                                      | LGII    | AF055636 | 1.1   | 0.1  | 12   |
| 37172_at   | carboxypeptidase B2 (plasma)  | CPB2    | M75106   | 3.1   | 1    | 12   |
| 40647_at   | Kell blood group precursor (McLeod phenotype)                           | XK      | Z32684   | 2.3   | 1.8  | 12   |
| 63390_at   | KIAA0603 gene product   |         | AI948512 | 17.5  | 18.7 | 12   |
| 54875_at   |   |         | N57875   | 8.6   | 4.9  | 12   |
| 45841_at   |   |         | AI916641 | 0     | 7.2  | 12   |
| 43425_at   |   |         | AW000885 | 2     | 1.5  | 12   |
| 37112_at   | chromosome 6 open reading frame 32                                      | C6ORF32 | AB002384 | 0.2   | 0    | 11.9 |
| 41665_at   | PCF11p homolog  |         | AB020631 | 0     | 0.1  | 11.9 |
| 39636_at   |   |         | AI079294 | 0.7   | 0.8  | 11.9 |
| 59478_at   |   |         | AA741304 | 10.6  | 26.4 | 11.9 |
| 67222_at   |   |         | AI219734 | 7.3   | 2.6  | 11.9 |
| 53139_at   | protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform | PPM1B   | AW020971 | 10.6  | 7.4  | 11.9 |
| 37442_at   |   |         | AI050378 | 27.6  | 5    | 11.8 |
| 38773_at   | carbonyl reductase 1  | CBR1    | AB003151 | 1.6   | 15.3 | 11.8 |
| 67764_r_at |   |         | AA004879 | 29    | 4.4  | 11.8 |
| 45420_at   |   |         | AI769692 | 1.2   | 4.7  | 11.8 |
| 47483_at   | similar to rat myomegalin   |         | AI659612 | 71.1  | 9.8  | 11.8 |
| 44241_r_at |   |         | T92908   | 0     | 1.6  | 11.8 |
| 53672_at   |   |         | AA055179 | 2.2   | 4.6  | 11.8 |
| 57942_at   |   |         | AA282811 | 1.5   | 0.6  | 11.8 |

Figure 13R

|            |  |        |  |          |      |      |      |
|------------|--|--------|--|----------|------|------|------|
| 73420_at   |  |        |  | A1858360 | 8.2  | 4.6  | 11.8 |
| 33328_at   |  |        |  | W28612   | 1.7  | 8.6  | 11.7 |
| 1105_s_at  | T cell receptor beta locus   | TRB@   |  | M12886   | 5.2  | 1.3  | 11.7 |
| 37228_at   | polo (Drosophila)-like kinase  | PLK    |  | U01038   | 0.3  | 0    | 11.7 |
| 78072_at   |  |        |  | A1743607 | 13.5 | 1.1  | 11.7 |
| 64566_at   |  |        |  | N54523   | 1.1  | 2    | 11.7 |
| 52167_at   |  |        |  | AA151346 | 13.5 | 12.1 | 11.7 |
| 62211_at   |  |        |  | A1808804 | 1.3  | 4.3  | 11.7 |
| 54028_at   |  |        |  | AL048962 | 2.5  | 6.1  | 11.7 |
| 47420_at   |  |        |  | T66087   | 0    | 2.4  | 11.6 |
| 42770_at   |  |        |  | T86276   | 1.1  | 1.5  | 11.6 |
| 56141_at   |  |        |  | A1566128 | 2.3  | 0.4  | 11.6 |
| 51637_at   |  |        |  | T62959   | 20.8 | 2.6  | 11.6 |
| 1004_at    | Burkitt lymphoma receptor 1, GTP-binding protein                             | BLR1   |  | X68149   | 92   | 0.2  | 11.5 |
| 36825_at   | stimulated trans-acting factor (50 kDa)                                      |        |  | X82200   | 18.3 | 22.2 | 11.5 |
| 36705_at   | protein kinase, AMP-activated, beta 2 non-catalytic subunit                  | PRKAB2 |  | AJ224538 | 1.8  | 2.4  | 11.5 |
| 60408_i_at |  |        |  | N24659   | 6.9  | 1.1  | 11.5 |
| 58941_at   | phosphatidylserine-specific phospholipase A1alpha                            |        |  | A1765967 | 28.1 | 24.1 | 11.5 |
| 81057_at   |  |        |  | AA085091 | 4.2  | 1.3  | 11.5 |
| 51022_at   |  |        |  | A1377043 | 0    | 2.3  | 11.5 |
| 54243_at   |  |        |  | AA780058 | 1.5  | 1.1  | 11.5 |
| 38517_at   | interferon-stimulated transcription factor 3, gamma (48kD)                   | ISGF3G |  | M87503   | 10   | 6.3  | 11.4 |
| 41796_at   | phospholipase C, epsilon 2   | PLCE2  |  | AB029015 | 1.7  | 3.6  | 11.4 |
| 36890_at   | periplakin   | PPL    |  | AF001691 | 3.4  | 5.6  | 11.4 |
| 1633_g_at  | pim-2 oncogene   | PIM2   |  | U77735   | 32   | 15.7 | 11.4 |
| 37909_at   | laminin, alpha 3 (nicein (150kD), kalinin (165kD), BM600 (150kD), epilegrin) | LAMA3  |  | L34155   | 0.6  | 1.2  | 11.4 |
| 63332_at   |  |        |  | AA127696 | 19.8 | 11.7 | 11.4 |
| 59283_at   | hypothetical protein FLJ20035  |        |  | AL042790 | 37.5 | 24.6 | 11.4 |
| 43463_at   | neuropilin 2   | NRP2   |  | N90777   | 9.6  | 7.2  | 11.4 |
| 71530_at   |  |        |  | A1936520 | 0.2  | 1.3  | 11.4 |
| 59941_at   | phosphoprotein associated with GEMs  |        |  | A1769545 | 21.2 | 7.6  | 11.4 |
| 42933_at   |  |        |  | T95101   | 15.3 | 4.8  | 11.4 |
| 71297_at   |  |        |  | AL046564 | 4.6  | 6.9  | 11.4 |
| 46099_at   |  |        |  | AA742293 | 1.1  | 2    | 11.4 |

Figure 13S

|            |   |          |  |          |      |      |      |
|------------|---|----------|--|----------|------|------|------|
| 47120_at   |   |          |  | AW005696 | 0    | 0    | 11.4 |
| 106_at     | runt-related transcription factor 3                                       | RUNX3    |  | Z35278   | 20.4 | 17   | 11.3 |
| 40930_at   | sulfotransferase family 4A, member 1                                      | SULT4A1  |  | W25958   | 3.6  | 1.1  | 11.3 |
| 39008_at   | ceruloplasmin (ferroxidase)   | CP       |  | M13699   | 5.9  | 2    | 11.3 |
| 38056_at   | KIAA0195 gene product   |          |  | D83779   | 1.8  | 0.3  | 11.3 |
| 39953_1_at | KIAA0628 gene product   |          |  | AB014528 | 1.2  | 0.1  | 11.3 |
| 40667_at   | CD6 antigen   | CD6      |  | X60992   | 1.5  | 2.3  | 11.3 |
| 78498_at   |   |          |  | AI374686 | 1.3  | 0.6  | 11.3 |
| 42720_at   |   |          |  | AI393727 | 9.5  | 3.2  | 11.3 |
| 62837_at   |   |          |  | AI240359 | 0.8  | 4.2  | 11.3 |
| 43084_at   |   |          |  | AA242411 | 4.4  | 4.8  | 11.3 |
| 60514_at   | LATS (large tumor suppressor, Drosophila) homolog 2                       | LATS2    |  | U69566   | 3.3  | 0.4  | 11.3 |
| 56246_at   | 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3                     | PFKFB3   |  | AI765775 | 91   | 6.2  | 11.3 |
| 80915_at   | transcription factor ets  |          |  | AI347001 | 38.2 | 44.7 | 11.3 |
| 53978_at   |   |          |  | AW024692 | 4.5  | 1.2  | 11.3 |
| 38555_at   | dual specificity phosphatase 10   | DUSP10   |  | AB026436 | 18.8 | 7.8  | 11.2 |
| 34286_at   | breast carcinoma amplified sequence 2                                     | BCAS2    |  | AB020623 | 0.7  | 0.8  | 11.2 |
| 1891_at    | mitogen-activated protein kinase kinase kinase 8                          | MAP3K8   |  | D14497   | 53.8 | 4.5  | 11.2 |
| 32415_at   | interferon, alpha 5   | IFNA5    |  | V00541   | 0.4  | 2.4  | 11.2 |
| 245_at     | selectin L (lymphocyte adhesion molecule 1)                               | SELL     |  | M25280   | 5.8  | 2.5  | 11.2 |
| 47939_at   |   |          |  | AA102788 | 0    | 17.1 | 11.2 |
| 73405_at   | dual-specificity tyrosine (Y)-phosphorylation regulated kinase 2          | DYRK2    |  | AI990466 | 3.1  | 5.8  | 11.2 |
| 53773_at   | tumor necrosis factor (ligand) superfamily, member 13b                    | TNFSF13B |  | AA682496 | 16.9 | 17.6 | 11.2 |
| 74361_at   |   |          |  | AI015772 | 1.2  | 0    | 11.2 |
| 73536_f.at |   |          |  | AA737775 | 1.8  | 0    | 11.2 |
| 35955_at   | cytochrome c-like antigen   |          |  | S80864   | 0.7  | 0.2  | 11.1 |
| 1061_at    | interleukin 10 receptor, alpha  | IL10RA   |  | U00672   | 9.6  | 5.1  | 11.1 |
| 37678_at   | putative transmembrane protein  |          |  | U23070   | 8.7  | 2.6  | 11.1 |
| 37961_at   | phosphoinositide-3-kinase, regulatory subunit, polypeptide 3 (p55, gamma) | PIK3R3   |  | U90907   | 2.1  | 2.1  | 11.1 |
| 58452_at   | sperm associated antigen 9  | SPAG9    |  | AL079765 | 4.7  | 2.4  | 11.1 |
| 48893_at   | DKFZP434M098 protein  |          |  | AI452715 | 1.4  | 1.5  | 11.1 |
| 40091_at   | B-cell CLL/lymphoma 6 (zinc finger protein 51)                            | BCI6     |  | U00115   | 0    | 0.9  | 11   |
| 32606_at   | brain acid-soluble protein 1  | BASP1    |  | AA135683 | 56.9 | 17.8 | 11   |

Figure 13T

|            |  |        |          |       |      |      |
|------------|--|--------|----------|-------|------|------|
| 41945_at   |  |        | AA131894 | 3.1   | 3.1  | 11   |
| 46954_at   |  |        | T67687   | 6     | 1.8  | 11   |
| 63683_at   |  |        | N56920   | 7     | 7    | 11   |
| 50652_at   |  |        | N53764   | 0.1   | 0.3  | 11   |
| 63032_at   |  |        | A1653152 | 14.9  | 3.1  | 11   |
| 48587_at   | Kruppel-like factor 4 (gut)  | KLF4   | A1290876 | 3.5   | 0    | 11   |
| 55631_at   | KIAA1414 protein   |        | A1499339 | 0.3   | 0    | 11   |
| 33859_at   | sin3-associated polypeptide, 18kD  | SAP18  | U96915   | 8     | 12.8 | 10.9 |
| 53443_at   |  |        | A1033021 | 2.2   | 0.9  | 10.9 |
| 48701_f.at |  |        | AA609601 | 1.7   | 1.3  | 10.9 |
| 49788_at   |  |        | AA102395 | 0.3   | 1.9  | 10.9 |
| 39846_at   | cathepsin F  | CTSF   | AF071748 | 0.1   | 1.7  | 10.8 |
| 41854_at   | v-myb avian myeloblastosis viral oncogene homolog  | MYB    | M13666   | 0.8   | 0    | 10.8 |
| 33118_at   | interferon-related developmental regulator 2   | IFRD2  | U73167   | 0     | 0.6  | 10.8 |
| 35720_at   | KIAA0893 protein   |        | AB020700 | 4.9   | 2.2  | 10.8 |
| 36766_at   | ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)                       | RNASE2 | X55988   | 3.5   | 1    | 10.8 |
| 56213_i.at |  |        | AA046067 | 1.4   | 1.4  | 10.8 |
| 85344_f.at |  |        | AW024994 | 0     | 0    | 10.8 |
| 62207_at   |  |        | AA058770 | 1.1   | 0.6  | 10.8 |
| 64450_at   | 2'-5'-oligoadenylate synthetase 3  | OAS3   | AA135525 | 25.2  | 30.3 | 10.8 |
| 42229_r.at |  |        | AA453357 | 9.9   | 10.2 | 10.8 |
| 35545_at   | solute carrier family 4, sodium bicarbonate cotransporter, member 8                          | SLC4A8 | AB018282 | 0.3   | 1.5  | 10.7 |
| 1575_at    | ATP-binding cassette, sub-family B (MDR/TAP), member 1                                       | ABCB1  | M14758   | 0     | 0.9  | 10.7 |
| 38041_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 1 (GalNAc-T1) | GALNT1 | U41514   | 0     | 0    | 10.7 |
| 50666_at   |  |        | A1911873 | 3.6   | 0.6  | 10.7 |
| 57642_at   |  |        | AA005336 | 1.6   | 0.9  | 10.7 |
| 59220_at   |  |        | AA922861 | 0.6   | 1.6  | 10.7 |
| 60896_at   | integrin, beta 8   | ITGB8  | A1634852 | 137.5 | 31.7 | 10.7 |
| 48672_at   |  |        | A1817153 | 1.2   | 0.2  | 10.7 |
| 52985_at   |  |        | 3075759  | 0.1   | 0.6  | 10.7 |
| 37126_at   | Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)                    | SSA1   | M62800   | 8.6   | 8.2  | 10.6 |

Figure 13U

|            |  |        |          |      |      |      |
|------------|--|--------|----------|------|------|------|
| 37163_at   | DKFZP586C1619 protein  |        | AL050374 | 56.3 | 9.1  | 10.6 |
| 32082_at   |  |        | AL049229 | 4.5  | 1.8  | 10.6 |
| 31443_at   |  |        | S76346   | 2.4  | 1.5  | 10.6 |
| 90878_at   |  |        | T79248   | 1.1  | 1.9  | 10.6 |
| 56889_at   | dual specificity phosphatase 10  | DUSP10 | N36770   | 14.2 | 4.1  | 10.6 |
| 43592_at   | chondroitin 4-O-sulfotransferase 2   |        | AA449104 | 0.5  | 6.1  | 10.6 |
| 88354_at   |  |        | H18944   | 2.5  | 1.6  | 10.6 |
| 40097_at   | eukaryotic translation initiation factor 1A, Y chromosome  | EIF1AY | AF000987 | 1.6  | 3.2  | 10.5 |
| 529_at     | dual specificity phosphatase 5   | DUSP5  | U15932   | 45   | 12.1 | 10.5 |
| 35340_at   | mel transforming oncogene (derived from cell line NK14); RAB8 homolog  | MEL    | A1819948 | 0    | 6.9  | 10.5 |
| 39119_s_at | natural killer cell transcript 4   |        | AA631972 | 22.5 | 34.2 | 10.5 |
| 44895_at   |  |        | H00995   | 1.1  | 1.8  | 10.5 |
| 50829_at   |  |        | AA706818 | 4.8  | 10.8 | 10.5 |
| 78020_at   |  |        | A1470127 | 3.3  | 0.7  | 10.5 |
| 58222_at   | neural precursor cell expressed, developmentally down-regulated 1  | NEDD1  | R71348   | 1.1  | 1.3  | 10.5 |
| 59516_at   | KIAA1268 protein   |        | AA210695 | 14.1 | 11.3 | 10.5 |
| 65531_at   | hypothetical protein FLJ22794  |        | AA948676 | 1.9  | 5.2  | 10.5 |
| 45453_at   |  |        | AW000995 | 1.6  | 3.5  | 10.5 |
| 46317_at   | CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II) | CD36L2 | W07476   | 0.8  | 8.8  | 10.5 |
| 40492_at   | KIAA0826 protein   |        | AB020633 | 0.2  | 1.7  | 10.4 |
| 32820_at   | CCR4-NOT transcription complex, subunit 4  | CNOT4  | U71267   | 4.7  | 4    | 10.4 |
| 1541_f_at  | interferon, alpha 6  | IFNA6  | X02958   | 0.4  | 0    | 10.4 |
| 36315_i_at | KIAA0919 protein   |        | AB023136 | 0.5  | 0.4  | 10.4 |
| 33979_at   | ribonuclease, RNase A family, 3 (eosinophil cationic protein)  | RNASE3 | X55990   | 3.8  | 0    | 10.4 |
| 36914_at   | cathepsin O  | CTSO   | X77383   | 0.8  | 1.4  | 10.4 |
| 41045_at   | secreted and transmembrane 1   | SECTM1 | U77643   | 37.2 | 67.4 | 10.4 |
| 61150_at   |  |        | AA894558 | 0.5  | 0.3  | 10.4 |
| 43363_s_at |  |        | A1978590 | 5.1  | 1.9  | 10.4 |
| 65331_at   |  |        | AW009884 | 1.9  | 2.5  | 10.4 |
| 43269_at   | KIAA1554 protein   |        | AA424170 | 7.6  | 12.5 | 10.4 |
| 71973_r_at |  |        | A1089044 | 9.3  | 5.3  | 10.4 |
| 86326_g_at |  |        | AA488988 | 13.1 | 0    | 10.4 |

Figure 13V



|            |   |         |  |  |          |      |      |      |
|------------|---|---------|--|--|----------|------|------|------|
| 71791_at   |   |         |  |  | AI347488 | 0    | 0.3  | 10.4 |
| 32882_at   | sterol O-acyltransferase 2  | SOAT2   |  |  | AF059203 | 1.2  | 0    | 10.3 |
| 33828_at   | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1 | SMARCE1 |  |  | AF035262 | 0    | 1.4  | 10.3 |
| 40696_at   | receptor (TNFRSF)-interacting serine-threonine kinase 1   | RIPK1   |  |  | U50062   | 10.9 | 2.9  | 10.3 |
| 31590_g_at | gamma-aminobutyric acid (GABA) B receptor, 1  | GABBR1  |  |  | AL031983 | 4.9  | 0.9  | 10.3 |
| 37921_at   | neuronal pentraxin I  | NPTX1   |  |  | U61849   | 1.3  | 3.6  | 10.3 |
| 55551_at   |   |         |  |  | AI766561 | 10.6 | 7.1  | 10.3 |
| 90167_at   |   |         |  |  | AI684439 | 3    | 2.3  | 10.3 |
| 62528_at   | hypothetical protein FLJ20073   |         |  |  | AA741307 | 51.4 | 23.4 | 10.3 |
| 54565_at   |   |         |  |  | AA149736 | 45.6 | 8.7  | 10.3 |
| 1203_at    |   |         |  |  | DI7357   | 17.8 | 5.2  | 10.3 |
| 35096_at   | solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6                 | SLC1A6  |  |  | U18244   | 7.7  | 4.1  | 10.2 |
| 41784_at   | DKFZP564B0769 protein   |         |  |  | AL080186 | 0    | 0.3  | 10.2 |
| 39802_at   | small inducible cytokine A7 (monocyte chemotactic protein 3)                                      | SCYA7   |  |  | X72308   | 1.8  | 15   | 10.2 |
| 37275_at   | GA-binding protein transcription factor, beta subunit 1 (53kD)                                    | GABPB1  |  |  | U13045   | 6.5  | 3.9  | 10.2 |
| 602_s_at   | hydroxysteroid (17-beta) dehydrogenase 1  | HSD17B1 |  |  | M29037   | 0    | 0.7  | 10.2 |
| 38782_at   | general transcription factor IIH, polypeptide 1 (62kD subunit)                                    | GTF2H1  |  |  | M95809   | 0.4  | 2.1  | 10.2 |
| 66524_at   |   |         |  |  | AA830101 | 0.4  | 0.5  | 10.2 |
| 62288_at   |   |         |  |  | AI336854 | 6.4  | 3.1  | 10.2 |
| 76762_at   |   |         |  |  | AI246590 | 53.8 | 8.9  | 10.2 |
| 44947_at   |   |         |  |  | AA047365 | 1.7  | 2.3  | 10.2 |
| 53595_at   | AD-015 protein  |         |  |  | N39009   | 0.6  | 3.4  | 10.2 |
| 78732_f_at |   |         |  |  | AI094933 | 4.2  | 9.3  | 10.2 |
| 78728_g_at |   |         |  |  | AA425815 | 1.1  | 0.4  | 10.2 |
| 35113_at   | solute carrier family 22 (organic cation transporter), member 1                                   | SLC22A1 |  |  | X98332   | 16.2 | 1.8  | 10.1 |
| 40457_at   | splicing factor, arginine/serine-rich 3   | SFRS3   |  |  | AF038250 | 0.4  | 0.7  | 10.1 |
| 1449_at    | proteasome (prosome, macropain) subunit, alpha type, 4  | PSMA4   |  |  | D00763   | 8.3  | 6.2  | 10.1 |
| 37018_at   | H1 histone family, member 2   | H1F2    |  |  | AI189287 | 26.1 | 2.3  | 10.1 |
| 53720_at   | hypothetical protein FLJ11286   |         |  |  | AI862559 | 9.2  | 10.4 | 10.1 |
| 61181_at   |   |         |  |  | AA063523 | 2.9  | 3.1  | 10.1 |
| 43131_at   |   |         |  |  | R00030   | 2.1  | 5.6  | 10.1 |
| 65678_at   |   |         |  |  | AA461084 | 8.4  | 6    | 10.1 |
| 76802_at   | core promoter element binding protein   | COPEB   |  |  | AI355637 | 3    | 0.3  | 10.1 |

Figure 13W

|            |   |          |          |      |      |      |
|------------|---|----------|----------|------|------|------|
| 53302_r_at |   |          | AI741209 | 5.6  | 4.3  | 10.1 |
| 64694_at   |   |          | AI799784 | 2.7  | 0.6  | 10.1 |
| 42083_at   |   |          | AI247356 | 9.5  | 0.3  | 10.1 |
| 70252_f_at |   |          | AA825923 | 0.3  | 2.7  | 10.1 |
| 38701_at   | ubiquitin-conjugating enzyme E2L 3  | UBE2L3   | AJ000519 | 0    | 2.4  | 10   |
| 1358_s_at  | interferon, alpha-inducible protein (clone IF16.16)   | G1P3     | U22970   | 11.3 | 8.6  | 10   |
| 32069_at   | KIAA0615 gene product   |          | AB014515 | 13.5 | 7.4  | 10   |
| 35709_at   | hypothetical protein FLJ11149   |          | AF038172 | 0.9  | 1.6  | 10   |
| 37353_g_at | nuclear antigen Sp100   | SP100    | M60618   | 18.4 | 12.6 | 10   |
| 277_at     | myeloid cell leukemia sequence 1 (BCL2-related)   | MCL1     | L08246   | 5.2  | 3.9  | 10   |
| 44786_at   |   |          | AW006763 | 10.9 | 2.3  | 10   |
| 57016_at   | hypothetical protein FLJ11264   |          | AI692513 | 4.7  | 6.4  | 10   |
| 68194_at   |   |          | AA291194 | 3.1  | 4.8  | 10   |
| 72862_at   |   |          | AW026509 | 11.9 | 15.3 | 10   |
| 61671_at   |   |          | AA194980 | 40.7 | 35.3 | 10   |
| 35648_at   | KIAA0442 protein  |          |          | 0.7  | 5.6  | 9.9  |
| 721_g_at   | heat shock transcription factor 4   | HSF4     | DB077902 | 4.1  | 1    | 9.9  |
| 36931_at   | transgelin  | TAGLN    | M95787   | 0    | 2.4  | 9.9  |
| 37896_at   | trefoil factor 3 (intestinal)   | TFF3     | AI474125 | 2.3  | 0.1  | 9.9  |
| 90098_r_at |   |          | AA682849 | 2.9  | 1.8  | 9.9  |
| 61840_s_at | catenin (cadherin-associated protein), delta 1  | CTNND1   | AI863000 | 5.3  | 4.5  | 9.9  |
| 43387_s_at | hypothetical protein FLJ13171   |          | AW001604 | 6.4  | 13.8 | 9.9  |
| 58167_r_at |   |          | AI066588 | 3.5  | 2.5  | 9.9  |
| 46266_at   | serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 8 | SERPINA8 | AI208913 | 23.9 | 15.5 | 9.9  |
| 45408_at   | RAB9-like protein   |          | AI334284 | 0.8  | 3.7  | 9.9  |
| 49080_at   |   |          | AL042923 | 9.7  | 5.8  | 9.9  |
| 33012_at   | tumor necrosis factor (ligand) superfamily, member 8  | TNFSF8   | L09753   | 0.5  | 0    | 9.8  |
| 36343_at   | tolloid-like 2  | TLL2     | AB023149 | 2.5  | 0.7  | 9.8  |
| 2066_at    | BCL2-associated X protein   | BAX      | L22474   | 4.1  | 4.6  | 9.8  |
| 222_at     | exostoses (multiple) 1  | EXT1     | S79639   | 50.9 | 5    | 9.8  |
| 37028_at   | growth arrest and DNA-damage-inducible 34   |          | U83981   | 23.2 | 1.9  | 9.8  |
| 37362_at   | RAB5B, member RAS oncogene family   | RAB5B    | X54871   | 2.8  | 2.5  | 9.8  |
| 38006_at   | CD48 antigen (B-cell membrane protein)  | CD48     | M37766   | 15.4 | 21.6 | 9.8  |
| 54750_at   |   |          | AA593586 | 2.2  | 4.3  | 9.8  |

Figure 13X

|            |  |        |          |      |      |     |
|------------|--|--------|----------|------|------|-----|
| 83076_at   |  |        | AI740855 | 1.7  | 1.2  | 9.8 |
| 71984_at   |  |        | W04199   | 0    | 0.8  | 9.8 |
| 64277_i_at | hypothetical protein FLJ20647  |        | AI78759  | 7    | 14.4 | 9.8 |
| 81915_at   | cytotoxic T-lymphocyte-associated protein 4  | CTLA4  | AI733018 | 0    | 19.5 | 9.8 |
| 44310_at   |  |        | AA521497 | 0.4  | 2.6  | 9.8 |
| 51839_at   |  |        | AA284279 | 1.6  | 3.3  | 9.8 |
| 63982_at   | ubiquinol-cytochrome c reductase (6.4kD) subunit   |        | AI480328 | 29.8 | 8.6  | 9.8 |
| 87258_at   |  |        | N53015   | 4.1  | 14.9 | 9.8 |
| 39541_at   | KIAA1237 protein   |        | W52003   | 2.7  | 7.1  | 9.7 |
| 35136_at   | hypothetical protein P15.2   |        | AL031387 | 8.2  | 4.5  | 9.7 |
| 34638_r_at | alcohol dehydrogenase 1 (class I), alpha polypeptide   | ADH1   | M12963   | 1.8  | 0.2  | 9.7 |
| 49372_at   |  |        | N67059   | 0.2  | 0.1  | 9.7 |
| 42707_at   |  |        | R08912   | 2.6  | 3.3  | 9.7 |
| 45427_at   |  |        | R51079   | 0.4  | 0.9  | 9.7 |
| 43760_at   |  |        | AA397579 | 1.4  | 0.6  | 9.7 |
| 61207_at   |  |        | N54899   | 4.3  | 3.4  | 9.7 |
| 46712_at   |  |        | W63773   | 13.2 | 2.4  | 9.7 |
| 51508_i_at |  |        | T92882   | 13.7 | 7.2  | 9.7 |
| 32053_at   | cyclin T2  | CCNT2  | AF048731 | 4.2  | 0.9  | 9.6 |
| 33841_at   |  |        | R48209   | 0.1  | 1.8  | 9.6 |
| 34376_at   | protein kinase (cAMP-dependent, catalytic) inhibitor gamma   | PKIG   | AB019517 | 5.4  | 2.2  | 9.6 |
| 37729_at   | exportin 1 (CRM1, yeast, homolog)  | XPO1   | Y08614   | 1.5  | 2.4  | 9.6 |
| 45379_at   |  |        | AI659019 | 6.4  | 5.8  | 9.6 |
| 59479_at   |  |        | W44692   | 1.2  | 0.8  | 9.6 |
| 63066_at   |  |        | AA001735 | 113  | 12.6 | 9.6 |
| 44055_at   |  |        | AA133979 | 0    | 6.8  | 9.6 |
| 54025_at   |  |        | H16294   | 9.9  | 2.6  | 9.6 |
| 58459_s_at |  |        | AA150805 | 0    | 0.9  | 9.6 |
| 46961_r_at |  |        | T91186   | 6.9  | 8.3  | 9.6 |
| 58457_f_at |  |        | AI819225 | 0.2  | 0    | 9.6 |
| 31523_f_at | H2B histone family, member H   | H2BFH  | Z80780   | 8.6  | 0.3  | 9.5 |
| 32206_at   | KIAA0451 gene product  |        | AB007920 | 2.4  | 1.4  | 9.5 |
| 36866_at   | testis-specific ankyrin motif containing protein   |        | D78334   | 2.1  | 2.4  | 9.5 |
| 33823_at   | CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II) | CD36L2 | D12676   | 16.8 | 30.9 | 9.5 |

Figure 13Y

|            |   |          |          |      |      |     |
|------------|---|----------|----------|------|------|-----|
| 56373_at   | UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5     | B4GALT5  | AA133969 | 42.2 | 9.3  | 9.5 |
| 77832_f_at |   |          | AI638850 | 0.8  | 1.9  | 9.5 |
| 48189_at   |   |          | T59016   | 0    | 2.4  | 9.5 |
| 74034_at   |   |          | AW002600 | 8.6  | 2    | 9.5 |
| 63781_r_at | CHMP1.5 protein   |          | AI368368 | 1.8  | 1.7  | 9.5 |
| 45181_at   | zinc finger protein 281   | ZNF281   | AA121673 | 5.1  | 5.9  | 9.5 |
| 54501_at   |   |          | AI253196 | 0    | 0    | 9.5 |
| 60016_at   |   |          | AI400414 | 15.6 | 9    | 9.5 |
| 57722_at   |   |          | AI492902 | 0.2  | 5.8  | 9.5 |
| 37027_at   | AHNAK nucleoprotein (desmoyokin)                                      | AHNAK    | M80899   | 7.7  | 4.7  | 9.5 |
| 35298_at   | eukaryotic translation initiation factor 3, subunit 7 (zeta, 66/67kD) | EIF3S7   | U54558   | 4.4  | 2.6  | 9.5 |
| 35534_at   | KIAA0514 gene product   |          | AB011086 | 2.7  | 0.2  | 9.4 |
| 33063_at   | glycoprotein Ib (platelet), alpha polypeptide                         | GP1BA    | J02940   | 30.9 | 9.1  | 9.4 |
| 40209_at   | intercellular adhesion molecule 5, telencephalin                      | ICAM5    | U72671   | 2.7  | 1.3  | 9.4 |
| 32134_at   | testin  |          | AL050162 | 2.8  | 1    | 9.4 |
| 39650_s_at | KIAA0435 gene product   |          | AB007895 | 1.6  | 1.9  | 9.4 |
| 36053_at   | cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)             | CDKN2C   | AF041248 | 0    | 0    | 9.4 |
| 36814_at   | KIAA1109 protein  |          | AB029032 | 0.3  | 2.9  | 9.4 |
| 890_at     | ubiquitin-conjugating enzyme E2A (RAD6 homolog)                       | UBE2A    | M74524   | 1.2  | 4.2  | 9.4 |
| 61191_at   |   |          | AI539443 | 3.9  | 14.2 | 9.4 |
| 44122_at   | transcriptional regulator protein                                     |          | AI074024 | 2.4  | 2.7  | 9.4 |
| 46065_at   |   |          | N23366   | 0    | 2.3  | 9.4 |
| 48039_at   |   |          | AI634580 | 15   | 16.9 | 9.4 |
| 58605_at   | DNA segment on chromosome X (unique) 9928 expressed sequence          | DXS9928E | AI697939 | 21.5 | 20.6 | 9.4 |
| 32163_f_at |   |          | AA216639 | 1.7  | 0.1  | 9.4 |
| 44212_at   |   |          | AA167191 | 0.4  | 0    | 9.4 |
| 51521_at   |   |          | 2884969  | 1.1  | 1.3  | 9.4 |
| 40063_at   | nuclear domain 10 protein   |          | U22897   | 7.9  | 5.1  | 9.3 |
| 32725_at   | BH3 interacting domain death agonist                                  | BID      | AF042083 | 6.6  | 4.2  | 9.3 |
| 1222_at    | PCTAIRE protein kinase 2  | PCTK2    | X66360   | 0.4  | 0.1  | 9.3 |
| 34304_s_at | spermidine/spermine N1-acetyltransferase                              | SAT      | AL050290 | 17.7 | 12   | 9.3 |
| 32193_at   | plexin C1   | PLXNC1   | AF030339 | 18.3 | 38   | 9.3 |

Figure 13Z

|            |  |         |          |      |      |     |
|------------|--|---------|----------|------|------|-----|
| 1797_at    | cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)  | CDKN2D  | U40343   | 5.9  | 1.1  | 9.3 |
| 796_l_at   | cyclin-dependent kinase-like 1 (CDC2-related kinase)   | CDKL1   | X66358   | 0    | 0    | 9.3 |
| 37005_at   | neuroblastoma, suppression of tumorigenicity 1   | NBL1    | D28124   | 11.7 | 0.7  | 9.3 |
| 48018_at   |  |         | AA700227 | 19.1 | 31.1 | 9.3 |
| 68493_r_at |  |         | R43774   | 1    | 1.6  | 9.3 |
| 59434_r_at |  |         | R43805   | 2.1  | 2.1  | 9.3 |
| 48245_at   |  |         | AA180163 | 4.2  | 4.2  | 9.3 |
| 57785_at   | H4 histone family, member H  | H4FH    | N32748   | 6.9  | 5.8  | 9.3 |
| 47330_at   |  |         | W81697   | 4.8  | 1.5  | 9.3 |
| 56469_at   | hypothetical protein   |         | W44483   | 4.2  | 4.4  | 9.3 |
| 46304_at   | hypothetical protein, clone 2746033  |         | AA126461 | 5.8  | 8.7  | 9.3 |
| 1951_at    | angiopoietin 2   | ANGPT2  | AF004327 | 0.5  | 0    | 9.2 |
| 31924_at   | soluble adenylyl cyclase   |         | AL035122 | 1.7  | 0    | 9.2 |
| 32648_at   | delta-like homolog (Drosophila)  | DLK1    | U15979   | 0.6  | 0    | 9.2 |
| 39317_at   | cytidine monophosphate-N-acetylneuraminic acid hydroxylase<br>(CMP-N-acetylneuraminic acid monooxygenase)                    | CMAH    | D86324   | 10.9 | 1.7  | 9.2 |
| 33362_at   | Cdc42 effector protein 3   |         | AF094521 | 5.5  | 2.1  | 9.2 |
| 57658_at   |  |         | U55989   | 1    | 0    | 9.2 |
| 83245_at   |  |         | AI300111 | 7.7  | 4.9  | 9.2 |
| 50640_at   |  |         | N32169   | 1.3  | 2.4  | 9.2 |
| 43105_at   |  |         | T98171   | 3.6  | 3.7  | 9.2 |
| 63984_f_at |  |         | AA535914 | 15   | 16.4 | 9.2 |
| 44235_at   |  |         | H82526   | 23.6 | 2    | 9.2 |
| 51609_r_at |  |         | AW051767 | 0    | 1    | 9.2 |
| 55629_at   |  |         | AL040635 | 16.7 | 9.7  | 9.2 |
| 485_at     | desert hedgehog (Drosophila) homolog   | DHH     | U59748   | 0.9  | 4.4  | 9.2 |
| 43789_r_at |  |         | AA226513 | 0.2  | 1.5  | 9.2 |
| 34469_at   | ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase; transferase B, alpha 1-3-galactosyltransferase) | ABO     | X84746   | 3.6  | 0.3  | 9.1 |
| 39733_at   | homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1                               | HERPUD1 | AF055001 | 1.4  | 3.4  | 9.1 |
| 34594_at   | related to the N terminus of tre   |         | D13644   | 0.2  | 0.8  | 9.1 |
| 37650_at   | makorin, ring finger protein, 1  | MKRN1   | U41315   | 2.1  | 4.2  | 9.1 |
| 41027_at   | forkhead box C1  | FOXC1   | AF078096 | 2.9  | 0.7  | 9.1 |

Figure 13AA

|            |   |        |          |      |      |     |
|------------|---|--------|----------|------|------|-----|
| 41021_s_at | glycerol-3-phosphate dehydrogenase 2 (mitochondrial)  | GPD2   | U36310   | 16   | 10.7 | 9.1 |
| 58107_at   |   |        | AA984220 | 1.5  | 1.1  | 9.1 |
| 89202_at   |   |        | AI347361 | 28.3 | 30.4 | 9.1 |
| 48374_at   |   |        | W87470   | 5.1  | 1.4  | 9.1 |
| 63968_at   |   |        | AI979124 | 1.3  | 0    | 9.1 |
| 83253_i_at |   |        | H11766   | 1.4  | 1.4  | 9.1 |
| 47343_at   |   |        | AI655198 | 2.4  | 2    | 9.1 |
| 53670_at   |   |        | AA664156 | 4.7  | 17.4 | 9.1 |
| 64794_at   |   |        | AA120764 | 2.6  | 2.9  | 9.1 |
| 42056_at   |   |        | AA282541 | 1.8  | 1.6  | 9.1 |
| 48964_at   |   |        | AI629027 | 24.2 | 17.2 | 9.1 |
| 41455_at   | KIAA0712 gene product   |        | AB018255 | 0.7  | 0.1  | 9   |
| 31847_at   | highly charged protein  |        | X59131   | 2    | 2.4  | 9   |
| 32319_at   | tumor necrosis factor (ligand) superfamily, member 4 (tax-<br>transcriptionally activated glycoprotein 1, 34kD) | TNFSF4 | AL022310 | 1.2  | 1.4  | 9   |
| 36282_at   |   |        | AF054994 | 1.4  | 6.4  | 9   |
| 1452_at    | LIM domain only 4   | LMO4   | U24576   | 5.7  | 1.5  | 9   |
| 33952_at   | zinc finger protein zfp47   |        | U71601   | 0.4  | 0.8  | 9   |
| 1512_at    | dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A   | DYRK1A | D86550   | 6.9  | 2.9  | 9   |
| 37578_at   | actin filament associated protein   |        | D25248   | 0.7  | 0.7  | 9   |
| 51307_at   |   |        | AI589165 | 0.2  | 1.9  | 9   |
| 48417_r_at | hypothetical protein PR02849  |        | AA636101 | 0    | 0.2  | 9   |
| 74628_g_at | NICE-5 protein  |        | AI986085 | 0    | 2.5  | 9   |
| 65626_at   |   |        | AA059458 | 96.4 | 20.4 | 9   |
| 46172_at   |   |        | AI142832 | 9.7  | 6.8  | 9   |
| 47823_r_at |   |        | AI452659 | 0    | 0    | 9   |
| 43640_at   | sirtuin (silent mating type information regulation 2, <i>S.cerevisiae</i> ,<br>homolog) 5                       | SIRT5  | N55168   | 1.1  | 3.2  | 9   |
| 61789_l_at | proteasome (prosome, macropain) 26S subunit, non-ATPase, 11   | PSMD11 | H05559   | 0.3  | 0.2  | 9   |
| 58560_f_at |   |        | AA810101 | 1.7  | 1.1  | 9   |
| 31722_at   | ribosomal protein L3  | RPL3   | AL022326 | 4.9  | 3.9  | 9   |
| 38546_at   | interleukin 1 receptor accessory protein  | IL1RAP | AB006537 | 2.5  | 1.5  | 8.9 |
| 1754_at    | death-associated protein 6  | DAXX   | AF006041 | 3.1  | 3.1  | 8.9 |

Figure 13BB

|            |  |         |          |      |      |     |
|------------|--|---------|----------|------|------|-----|
| 33365_at   | KIAA0945 protein   |         | AB023162 | 0.2  | 0.2  | 8.9 |
| 1354_at    | neurotrophic tyrosine kinase, receptor, type 2                                       | NTRK2   | U12140   | 1.7  | 0.6  | 8.9 |
| 465_at     | HIV-1 Tat interactive protein, 60 kDa  | HTATIP  | U74667   | 6    | 2.8  | 8.9 |
| 33135_at   | solute carrier family 19 (folate transporter), member 1                              | SLC19A1 | U17566   | 1.6  | 5.3  | 8.9 |
| 45748_at   | SAR1 protein   |         | AI143121 | 15.6 | 1.9  | 8.9 |
| 59870_at   |  |         | AI003552 | 2.3  | 1.1  | 8.9 |
| 91329_at   |  |         | AI669284 | 0    | 0    | 8.9 |
| 59548_at   |  |         | AI732248 | 3.3  | 4    | 8.9 |
| 32156_at   | poliovirus receptor-related 2 (herpesvirus entry mediator B)                         | PVRL2   | AF044968 | 23.4 | 5.9  | 8.9 |
| 80897_at   |  |         | R63836   | 1.8  | 1.7  | 8.9 |
| 74908_at   | interferon-induced protein 35  | IFI35   | AW026462 | 19.7 | 35.8 | 8.9 |
| 53157_at   |  |         | AI092930 | 1.2  | 1.1  | 8.9 |
| 35310_at   |  |         | D45288   | 9.4  | 5.5  | 8.9 |
| 38227_at   | microphthalmia-associated transcription factor                                       | MITF    | AB006909 | 8.9  | 2.2  | 8.8 |
| 34057_at   | solute carrier family 28 (sodium-coupled nucleoside transporter), member 2           | SLC28A2 | U84392   | 2    | 0    | 8.8 |
| 34066_at   | hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)                           | H6PD    | AJ012590 | 3    | 1.3  | 8.8 |
| 39210_at   | fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)              | FUT4    | M58597   | 2.8  | 6.2  | 8.8 |
| 1048_at    | retinoid X receptor, gamma   | RXRG    | U38480   | 1.7  | 0.8  | 8.8 |
| 56968_at   | MADS box transcription enhancer factor 2, polypeptide D (myocyte enhancer factor 2D) | MEF2D   | AL118605 | 3.4  | 5.6  | 8.8 |
| 56459_at   |  |         | AI821762 | 0.9  | 0.6  | 8.8 |
| 77121_at   |  |         | AI733322 | 2.4  | 2.1  | 8.8 |
| 59865_at   |  |         | AI003502 | 3    | 2.5  | 8.8 |
| 47484_at   |  |         | H17489   | 32.5 | 22.9 | 8.8 |
| 61149_at   |  |         | AA888887 | 2.2  | 2    | 8.8 |
| 46069_at   |  |         | W45330   | 5.2  | 3.8  | 8.8 |
| 65262_r_at |  |         | H29209   | 0.5  | 1.8  | 8.8 |
| 42350_r_at |  |         | N71364   | 2.3  | 4.1  | 8.8 |
| 82421_l_at |  |         | AI554417 | 4.1  | 6.2  | 8.8 |
| 85192_r_at |  |         | AI351062 | 6    | 2.5  | 8.8 |
| 45326_at   | hypothetical protein PR02577   |         | N21414   | 0.1  | 2.2  | 8.8 |
| 52425_at   | KIAA1376 protein   |         | AA164405 | 1.4  | 0    | 8.8 |

Figure 13CC

|            |   |         |          |      |      |     |
|------------|---|---------|----------|------|------|-----|
| 50804_at   | L-kynurenine/alpha-aminoadipate aminotransferase  |         | AI798980 | 0.9  | 2.5  | 8.8 |
| 45099_at   |   |         | N92526   | 6.1  | 4.3  | 8.8 |
| 55830_at   |   |         | AA058686 | 19   | 13.5 | 8.8 |
| 47870_r_at | hypothetical protein DKFZp761C169   |         | AW003245 | 22.9 | 4    | 8.8 |
| 54940_at   |   |         | R49669   | 2.9  | 3.2  | 8.8 |
| 38788_at   | promyelocytic leukemia  | PML     | M82827   | 25.1 | 20.3 | 8.8 |
| 42130_at   |   |         | AA400680 | 1.4  | 4.7  | 8.8 |
| 48182_f_at |   |         | T91299   | 5.9  | 0    | 8.8 |
| 84483_f_at |   |         | AI459092 | 1.7  | 0.9  | 8.8 |
| 36493_at   | lymphocyte-specific protein 1   | LSP1    | M33552   | 4.7  | 1.1  | 8.8 |
| 44688_at   | RelA-associated inhibitor   |         | AA614049 | 7.7  | 6.7  | 8.8 |
| 41432_at   | ribosomal protein S6 kinase, 90kD, polypeptide 5  | RPS6KA5 | AF090421 | 5.5  | 3.3  | 8.7 |
| 39269_at   | replication factor C (activator 1) 3 (38kD)   | RFC3    | L07541   | 2.1  | 0    | 8.7 |
| 33016_at   |   |         | AI052224 | 2.4  | 1.4  | 8.7 |
| 39710_at   | P311 protein  |         | U30521   | 6.6  | 35   | 8.7 |
| 32254_at   | vesicle-associated membrane protein 2 (synaptobrevin 2)   | VAMP2   | AL050223 | 1.8  | 1.7  | 8.7 |
| 34745_at   |   |         | AF070570 | 38.1 | 14.3 | 8.7 |
| 35675_at   | vinexin beta (SH3-containing adaptor molecule-1)  |         | AF037261 | 4.8  | 2    | 8.7 |
| 36469_at   | dystrobrevin, alpha   |         | U46744   | 1.1  | 0.1  | 8.7 |
| 36780_at   | clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J)                                    | CLU     | M25915   | 32.9 | 5    | 8.7 |
| 38286_at   | KIAA1071 protein  |         | AB028994 | 2.5  | 1.1  | 8.7 |
| 694_at     | mucin 5, subtype B, tracheobronchial  | MUC5B   | X74955   | 1.3  | 0.4  | 8.7 |
| 64989_r_at |   |         | AA482282 | 3.2  | 2.8  | 8.7 |
| 53410_at   | tumor susceptibility gene 101   | TSG101  | AA553646 | 0    | 2.3  | 8.7 |
| 61896_at   |   |         | AL038511 | 3.6  | 4.4  | 8.7 |
| 75031_at   |   |         | AW051699 | 7    | 0.4  | 8.7 |
| 57847_at   |   |         | R48461   | 2.9  | 2.6  | 8.7 |
| 63288_at   |   |         | R12689   | 2.9  | 4.2  | 8.7 |
| 51155_at   |   |         | AL043669 | 19.8 | 6.2  | 8.7 |
| 41742_s_at | tumor necrosis factor alpha-inducible cellular protein containing leucine zipper domains; Huntingtin interacting protein L; transcription factor IIIA-interacting protein |         | AF061034 | 24.3 | 28.1 | 8.7 |
| 57739_at   | hypothetical protein FLJ20195   |         | AI949010 | 4    | 3.5  | 8.7 |

Figure 13DD



|            |   |        |          |      |      |     |
|------------|---|--------|----------|------|------|-----|
| 45855_at   |   |        | AI872417 | 3.4  | 3.3  | 8.7 |
| 45889_at   |   |        | AW024527 | 0    | 0    | 8.7 |
| 57194_at   |   |        | T57670   | 0    | 2.6  | 8.7 |
| 64344_at   | lysosomal-associated membrane protein 1                               | LAMP1  | AI984264 | 1.8  | 0.8  | 8.7 |
| 44093_at   | hypothetical protein FLJ13441   |        | W28327   | 5    | 8.8  | 8.7 |
| 39917_at   | gamma-tubulin complex protein 2                                       |        | AI961040 | 2    | 0.6  | 8.6 |
| 40552_s_at |   |        | AL049987 | 0    | 0    | 8.6 |
| 33439_at   | transcription factor 8 (represses interleukin 2 expression)           | ICF8   | D15050   | 4.1  | 2    | 8.6 |
| 37026_at   | core promoter element binding protein                                 | COPEB  | AF001461 | 6.9  | 5.7  | 8.6 |
| 41503_at   | KIAA0854 protein  |        | AB020661 | 23.1 | 10.5 | 8.6 |
| 36472_at   | N-myc (and STAT) interactor   | NMI    | U32849   | 7.8  | 12.1 | 8.6 |
| 36130_f_at | metallothionein 1E (functional)                                       | MT1E   | R92331   | 78.7 | 4.6  | 8.6 |
| 237_s_at   | protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform | PPP2CA | M60483   | 7.6  | 5    | 8.6 |
| 59414_at   |   |        | AI480103 | 0.8  | 0    | 8.6 |
| 47510_r_at |   |        | AI924696 | 1.9  | 1.9  | 8.6 |
| 62256_at   |   |        | R50614   | 0    | 1.8  | 8.6 |
| 90421_at   | conserved gene amplified in osteosarcoma                              |        | AA633203 | 36.5 | 35.1 | 8.6 |
| 70516_at   | leucine-rich protein mRNA   |        | AI817736 | 14.2 | 6.4  | 8.6 |
| 59630_g_at |   |        | AA143009 | 1.2  | 0.5  | 8.6 |
| 69142_at   |   |        | AI635522 | 72.4 | 7.8  | 8.6 |
| 43958_at   |   |        | AI499157 | 0    | 0.9  | 8.6 |
| 47655_at   |   |        | AI022328 | 6.4  | 6.5  | 8.6 |
| 43031_at   |   |        | AL045916 | 0    | 1.8  | 8.6 |
| 60116_r_at |   |        | N59866   | 1.8  | 1.1  | 8.6 |
| 55412_at   |   |        | AI768697 | 3.1  | 1.6  | 8.6 |
| 49792_at   |   |        | AI298555 | 2.7  | 2.4  | 8.6 |
| 55423_f_at |   |        | AA001367 | 1.1  | 0.9  | 8.6 |
| 39013_at   | APG5 (autophagy 5, <i>S. cerevisiae</i> )-like                        | APG5L  | Y11588   | 1.6  | 1.2  | 8.5 |
| 36734_at   | small proline-rich protein 2A   | SPRP2A | M21302   | 1.2  | 0.8  | 8.5 |
| 39744_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3                        | DDX3   | AF000982 | 3    | 1.5  | 8.5 |
| 40088_at   | nuclear receptor interacting protein 1                                | NRIP1  | X84373   | 15.6 | 9.9  | 8.5 |
| 31522_f_at | H2B histone family, member G  | H2BFG  | Z80779   | 5.4  | 2.5  | 8.5 |
| 34709_r_at | stromal antigen 2   | STAG2  | Z75331   | 7.4  | 1.8  | 8.5 |
| 1241_at    | protein tyrosine phosphatase type IVA, member 2                       | PTP4A2 | U14603   | 0    | 0.5  | 8.5 |

Figure 13EE

|            |  |         |  |          |      |      |     |
|------------|--|---------|--|----------|------|------|-----|
| 89894_at   |  |         |  | AI991103 | 1.4  | 3.4  | 8.5 |
| 59266_at   |  |         |  | AI272654 | 1.2  | 1.7  | 8.5 |
| 79512_at   |  |         |  | AI248270 | 3    | 2.5  | 8.5 |
| 70238_at   |  |         |  | AA521399 | 3.9  | 2.3  | 8.5 |
| 64176_at   |  |         |  | AI650542 | 10.3 | 6.9  | 8.5 |
| 51092_at   | putative zinc finger protein NY-REN-34 antigen   |         |  | AI950095 | 21.1 | 14.6 | 8.5 |
| 73455_f_at |  |         |  | H72723   | 70.4 | 8.2  | 8.5 |
| 55974_at   |  |         |  | AI732621 | 0.8  | 0.9  | 8.5 |
| 56435_at   | hypothetical protein FLJ20625  |         |  | AA573749 | 6.7  | 5.9  | 8.5 |
| 64508_s_at | KIAA0430 gene product  |         |  | AI968969 | 7.4  | 6.4  | 8.5 |
| 64739_at   | docking protein 2, 56kD  |         |  | AI828929 | 8.8  | 8.3  | 8.5 |
| 41374_at   | ribosomal protein S6 kinase, 70kD, polypeptide 2   | DOK2    |  | AB016869 | 1.5  | 0.4  | 8.4 |
| 39084_at   | enolase 3, (beta, muscle)  | RPS6KB2 |  | X56832   | 1.2  | 3.2  | 8.4 |
| 40621_at   | PRKC, apoptosis, WT1, regulator  | ENO3    |  | U63809   | 0.2  | 1.1  | 8.4 |
| 40641_at   | TBP-associated factor 172  | PAWR    |  | AF038362 | 0    | 1.9  | 8.4 |
| 33455_at   | aldolase B, fructose-bisphosphate  | ALDOB   |  | X02747   | 0    | 1.1  | 8.4 |
| 36484_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3) | GALNT3  |  | AI935146 | 12.9 | 5.5  | 8.4 |
| 41283_at   | heterogeneous nuclear ribonucleoprotein H3 (2H9)   | HNRPH3  |  | AF052131 | 1.3  | 0.4  | 8.4 |
| 32629_f_at | butyrophilin, subfamily 3, member A1   | BTN3A1  |  | U90552   | 10.8 | 9.9  | 8.4 |
| 34318_at   | JM4 protein  |         |  | AI005896 | 2.9  | 2.7  | 8.4 |
| 40738_at   | CD2 antigen (p50), sheep red blood cell receptor   | CD2     |  | M16336   | 0.8  | 1    | 8.4 |
| 566_at     | promyelocytic leukemia   | PML     |  | M79462   | 6.1  | 6.6  | 8.4 |
| 66442_f_at |  |         |  | AA774820 | 1.1  | 0.2  | 8.4 |
| 60305_at   |  |         |  | AI015280 | 4.3  | 3    | 8.4 |
| 60723_at   |  |         |  | AA744550 | 1    | 0.9  | 8.4 |
| 61140_at   |  |         |  | AI768092 | 1.1  | 0.2  | 8.4 |
| 47215_f_at |  |         |  | AA129058 | 4.9  | 2.9  | 8.4 |
| 84319_at   |  |         |  | AI684171 | 0    | 0    | 8.4 |
| 44640_at   | trefoil factor 2 (spasmolytic protein 1)   |         |  | W30985   | 40.2 | 11.6 | 8.4 |
| 33489_at   |  | TFF2    |  | U47292   | 1    | 0    | 8.4 |
| 44602_at   |  |         |  | AA156238 | 0.3  | 1    | 8.4 |
| 45922_at   |  |         |  | AI560775 | 2.6  | 4.6  | 8.4 |
| 45225_at   | ATPase, Class I, type 8B, member 2   | ATP8B2  |  | AA142939 | 9.1  | 1.6  | 8.4 |
| 52750_at   |  |         |  | AI632711 | 1.6  | 0.4  | 8.4 |

Figure 13FF

|            |   |        |  |          |  |      |      |     |
|------------|---|--------|--|----------|--|------|------|-----|
| 40907_at   |   |        |  | AA043502 |  | 6.4  | 6.5  | 8.3 |
| 31970_r_at | protein phosphatase, EF hand calcium-binding domain 2         | PPEF2  |  | AF023456 |  | 0.7  | 0.6  | 8.3 |
| 32480_at   | homeo box C4  | HOXC4  |  | X07495   |  | 16.6 | 2.1  | 8.3 |
| 1783_at    | ras association (RalGDS/AF-6) domain containing protein JC265 |        |  | M37190   |  | 1.7  | 0.5  | 8.3 |
| 37360_at   | lymphocyte antigen 6 complex, locus E                         | LY6E   |  | U66711   |  | 13.4 | 13.6 | 8.3 |
| 38740_at   | butyrate response factor 1 (EGF-response factor 1)            | BRF1   |  | X79067   |  | 2.5  | 0.8  | 8.3 |
| 39230_at   | similar to APOBEC1  |        |  | AL022318 |  | 4.4  | 11.8 | 8.3 |
| 46806_at   |   |        |  | R66690   |  | 3.8  | 0.4  | 8.3 |
| 76551_at   |   |        |  | A1125848 |  | 1.6  | 1.1  | 8.3 |
| 45486_s_at |   |        |  | AW021213 |  | 1.4  | 0.8  | 8.3 |
| 59347_at   |   |        |  | R25153   |  | 0    | 1.5  | 8.3 |
| 67975_at   |   |        |  | AA934126 |  | 0.8  | 0.9  | 8.3 |
| 52535_s_at | cyclin-dependent kinase inhibitor 1B (p27, kip1)              | CDKN1B |  | A1680672 |  | 9.1  | 3.9  | 8.3 |
| 51084_at   | SUMO-1 activating enzyme subunit 1                            |        |  | A1339364 |  | 2.5  | 1.2  | 8.3 |
| 49943_at   |   |        |  | A1681558 |  | 11.3 | 3.8  | 8.3 |
| 44051_at   | SMC4 (structural maintenance of chromosomes 4, yeast)-like 1  | SMC4L1 |  | A1338462 |  | 1    | 1.6  | 8.3 |
| 55361_at   |   |        |  | A1821565 |  | 4.3  | 6.5  | 8.3 |
| 56080_at   |   |        |  | A1703473 |  | 13.1 | 12.8 | 8.3 |
| 56697_r_at |   |        |  | A1791520 |  | 7.1  | 8.2  | 8.3 |
| 85630_at   |   |        |  | A1086384 |  | 0    | 0.3  | 8.3 |
| 1357_at    | ubiquitin specific protease 4 (proto-oncogene)                | USP4   |  | U20657   |  | 5.7  | 3.4  | 8.3 |
| 32859_at   | signal transducer and activator of transcription 1, 91kD      | STAT1  |  | M97935   |  | 3.2  | 18   | 8.2 |
| 33847_s_at | cyclin-dependent kinase inhibitor 1B (p27, Kip1)              | CDKN1B |  | A1304854 |  | 9.9  | 5    | 8.2 |
| 36860_at   | KIAA1064 protein  |        |  | AB028987 |  | 1.1  | 1.2  | 8.2 |
| 77757_f_at |   |        |  | AA805526 |  | 3.2  | 2.3  | 8.2 |
| 42764_at   |   |        |  | A1459108 |  | 0.1  | 0.1  | 8.2 |
| 58370_at   | hypothetical protein DKFZp761A052                             |        |  | AW003291 |  | 0.2  | 0.4  | 8.2 |
| 87874_at   |   |        |  | T69727   |  | 4.7  | 4.4  | 8.2 |
| 54990_at   | hypothetical protein  |        |  | AW009586 |  | 16.3 | 6    | 8.2 |
| 53468_at   |   |        |  | A1149508 |  | 0.2  | 0.3  | 8.2 |
| 64394_at   | cadherin 12, type 2 (N-cadherin 2)                            | CDH12  |  | A1476284 |  | 0.4  | 0.6  | 8.2 |
| 45074_at   |   |        |  | N69656   |  | 3.6  | 2.2  | 8.2 |

Figure 13GG

|            |   |         |          |      |      |     |
|------------|---|---------|----------|------|------|-----|
| 48081_at   | myristoylated alanine-rich protein kinase C substrate (MARCKS, 80K-L)                                 | MACS    | AA131320 | 18.7 | 7.3  | 8.2 |
| 53756_f_at |   |         | AA709471 | 11.3 | 0.7  | 8.2 |
| 88927_at   |   |         | AA889052 | 3.8  | 2.2  | 8.2 |
| 2055_s_at  |   |         | M34189   | 2.8  | 1.5  | 8.1 |
| 33538_at   | myelin gene expression factor 2   |         | H96671   | 1.1  | 0.5  | 8.1 |
| 39995_s_at | WW domain-containing oxidoreductase   | WWOX    | U13395   | 2.8  | 1.9  | 8.1 |
| 1909_at    | B-cell CLL/lymphoma 2   | BCL2    | M14745   | 12   | 9.9  | 8.1 |
| 33997_at   |   |         | AL049449 | 1.6  | 0.7  | 8.1 |
| 82887_at   |   |         | AI760827 | 0.5  | 5.7  | 8.1 |
| 81659_at   |   |         | AI928037 | 0.3  | 1.8  | 8.1 |
| 65364_at   |   |         | W56309   | 6.3  | 9.2  | 8.1 |
| 45261_at   | leucine aminopeptidase  |         | AF034175 | 10.1 | 15   | 8.1 |
| 63921_at   |   |         | AI683528 | 1.4  | 1    | 8.1 |
| 64804_r_at |   |         | T40707   | 6.3  | 3.1  | 8.1 |
| 73574_at   |   |         | AI290214 | 4.8  | 3.7  | 8.1 |
| 50365_at   |   |         | AI760821 | 1.1  | 3.5  | 8.1 |
| 49939_at   | KIAA1201 protein  |         | AL042980 | 2.3  | 3.4  | 8.1 |
| 52355_g_at |   |         | AW003924 | 1.6  | 3.8  | 8.1 |
| 84963_r_at |   |         | R42423   | 4.9  | 2.9  | 8.1 |
| 36954_at   | KIAA0218 gene product   |         | D86972   | 7.4  | 3.6  | 8.1 |
| 65827_at   | STIP1 homology and U-Box containing protein 1   | STUB1   | AI630895 | 7.2  | 6.3  | 8.1 |
| 214_at     | msh (Drosophila) homeo box homolog 1 (formerly homeo box 7)   | MSX1    | M97676   | 1.2  | 1    | 8   |
| 34981_at   | potassium voltage-gated channel, shaker-related subfamily, member 5                                   | KCNA5   | M55513   | 1.8  | 1.3  | 8   |
| 31418_at   | high-mobility group (nonhistone chromosomal) protein 17-like 1  | HMG17L1 | Z97055   | 3.4  | 4.3  | 8   |
| 1826_at    | ras homolog gene family, member B   | ARHB    | M12174   | 0    | 0    | 8   |
| 32940_at   | Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1 | AMMECR1 | AJ007014 | 4.8  | 1.1  | 8   |
| 32288_r_at | killer cell lectin-like receptor subfamily C, member 3  | KLRC3   | AJ001685 | 0.6  | 0.5  | 8   |
| 34699_at   | CD2-associated protein  | CD2AP   | AL050105 | 20.4 | 12.9 | 8   |
| 259_s_at   | lymphotoxin alpha (TNF superfamily, member 1)   | LTA     | M16441   | 13.8 | 2.9  | 8   |
| 34573_at   | ephrin-A3   | EFNA3   | U14187   | 0.6  | 0    | 8   |

Figure 13HH

|            |   |         |          |      |      |     |
|------------|---|---------|----------|------|------|-----|
| 41588_at   | fibroblast growth factor 18   | FGF18   | AA022949 | 1.6  | 0    | 8   |
| 37294_at   | B-cell translocation gene 1, anti-proliferative   | BTG1    | X61123   | 34.3 | 15.2 | 8   |
| 37980_at   | CBF1 interacting corepressor  |         | U03644   | 4.1  | 9.1  | 8   |
| 66332_at   |   |         | R43566   | 1.6  | 1.9  | 8   |
| 79145_at   |   |         | W72060   | 12.5 | 0.8  | 8   |
| 79520_at   |   |         | AW022213 | 18.4 | 8.8  | 8   |
| 63382_at   | interferon consensus sequence binding protein 1   | ICSBP1  | A1073984 | 53.5 | 35.7 | 8   |
| 72361_at   |   |         | A1885066 | 0    | 0    | 8   |
| 87585_at   |   |         | AA565209 | 2.9  | 1.1  | 8   |
| 61745_r_at |   |         | N76044   | 5.1  | 2.7  | 8   |
| 44422_r_at |   |         | D59337   | 9    | 3.3  | 8   |
| 65898_at   | potassium channel modulatory factor   |         | A1743396 | 2.1  | 1    | 8   |
| 59454_at   | serine/threonine kinase 17a (apoptosis-inducing)  | STK17A  | A1806790 | 2.1  | 2.3  | 8   |
| 63663_at   |   |         | AA649208 | 1.1  | 0    | 8   |
| 80940_f_at |   |         | A1147061 | 0.1  | 0.2  | 8   |
| 37684_at   | solute carrier family 21 (organic anion transporter), member 9  | SLC21A9 | AB020687 | 8.4  | 6.8  | 8   |
| 1084_at    | v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)  | ABL2    | M35296   | 11.3 | 1    | 7.9 |
| 32137_at   | jagged 2  | JAG2    | AF029778 | 0.6  | 2    | 7.9 |
| 40496_at   | complement component 1, s subcomponent  | C1S     | J04080   | 26.3 | 5.6  | 7.9 |
| 629_at     | interleukin 9 receptor  | IL9R    | L39064   | 0.2  | 0.2  | 7.9 |
| 35328_at   |   |         | AF055023 | 6.2  | 3.4  | 7.9 |
| 1885_at    | excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum group B complementing) | ERCC3   | M31899   | 0    | 1.7  | 7.9 |
| 38301_at   | adenosine kinase  | ADK     | U50196   | 4.1  | 1.1  | 7.9 |
| 57406_at   |   |         | A1240813 | 1.4  | 2.3  | 7.9 |
| 50546_at   |   |         | AA761629 | 2.8  | 2.4  | 7.9 |
| 42582_at   |   |         | N22508   | 1.2  | 2.3  | 7.9 |
| 44718_at   |   |         | AA577672 | 6.6  | 5.7  | 7.9 |
| 82992_r_at |   |         | A1565735 | 1.3  | 1    | 7.9 |
| 57007_at   |   |         | AA904435 | 2.3  | 1.1  | 7.9 |
| 55421_at   |   |         | AA995447 | 2.6  | 1.2  | 7.9 |
| 55023_f_at |   |         | H14337   | 0    | 3.5  | 7.9 |
| 89024_at   |   |         | A1720099 | 0.9  | 0.3  | 7.9 |

Figure 13II

|            |  |          |  |          |      |      |     |
|------------|--|----------|--|----------|------|------|-----|
| 64543_at   |  |          |  | AI68557  | 3.5  | 2.4  | 7.9 |
| 45541_s_at |  |          |  | AW015697 | 1.7  | 3.6  | 7.9 |
| 46198_at   |  |          |  | AI356548 | 2.5  | 3.2  | 7.9 |
| 55434_at   |  |          |  | U55967   | 1.8  | 2.3  | 7.9 |
| 51179_at   | brefeldin A-inhibited guanine nucleotide-exchange protein 2  |          |  | AI741843 | 5.1  | 2.9  | 7.9 |
| 45731_at   | HSPC003 protein  |          |  | AA581878 | 6.4  | 6    | 7.9 |
| 57261_f_at | ribosomal protein, large, P0   | RPLP0    |  | AA588862 | 4.4  | 4.1  | 7.9 |
| 34502_g_at | runt-related transcription factor 2  | RUNX2    |  | L40992   | 0    | 0    | 7.8 |
| 39691_at   | SH3-containing protein SH3GLB1   |          |  | AB007960 | 0    | 0.7  | 7.8 |
| 40836_s_at | metastasis-associated 1-like 1   | MTA1L1   |  | W26677   | 1.3  | 1.1  | 7.8 |
| 33243_at   | TNF-induced protein  |          |  | AF099935 | 19.9 | 2.6  | 7.8 |
| 33295_at   | Duffy blood group  | FY       |  | X85785   | 0.5  | 0.3  | 7.8 |
| 634_at     | protease, serine, 8 (proctasin)  | PRSS8    |  | L41351   | 1.5  | 0.9  | 7.8 |
| 37551_at   | KIAA0211 gene product  |          |  | D86966   | 0.5  | 0.8  | 7.8 |
| 56927_at   |  |          |  | W49628   | 4.3  | 4.5  | 7.8 |
| 77706_at   |  |          |  | AA641972 | 493  | 59   | 7.8 |
| 39768_at   | 2',3'-cyclic nucleotide 3' phosphodiesterase   | CNP      |  | D13146   | 23.7 | 9.9  | 7.8 |
| 63202_at   |  |          |  | AI218553 | 0    | 2.8  | 7.8 |
| 83013_i_at |  |          |  | AI400387 | 1.1  | 0.8  | 7.8 |
| 60460_at   |  |          |  | N95430   | 1.6  | 0.8  | 7.8 |
| 86261_at   |  |          |  | AA017070 | 15.5 | 12.3 | 7.8 |
| 69708_at   |  |          |  | AI689617 | 1.6  | 1.6  | 7.8 |
| 46207_at   |  |          |  | AI640326 | 1.5  | 0    | 7.8 |
| 63124_at   |  |          |  | AA631399 | 3.6  | 1.7  | 7.8 |
| 87419_r_at |  |          |  | AI679413 | 2.6  | 0.9  | 7.8 |
| 41190_at   | tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein) | TNFRSF12 |  | U83598   | 0.7  | 0    | 7.7 |
| 31510_s_at | H3 histone, family 3B (H3.3B)  | H3F3B    |  | Z48950   | 3.5  | 1.3  | 7.7 |
| 40979_at   | chromosome 14 open reading frame 3   | C14ORF3  |  | AJ243310 | 0.4  | 1.1  | 7.7 |
| 39093_s_at | bromodomain-containing 4   | BRD4     |  | Y12059   | 3.2  | 0    | 7.7 |
| 41592_at   | JAK binding protein  |          |  | AB000734 | 4.9  | 6    | 7.7 |
| 40386_r_at | teratocarcinoma-derived growth factor 3, pseudogene  | TGDF3    |  | M96956   | 1.2  | 0.3  | 7.7 |
| 34002_at   | hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2                             | HSD3B2   |  | M77144   | 1.6  | 1.1  | 7.7 |
| 38278_at   | modulator recognition factor I   |          |  | M62324   | 5.3  | 2.9  | 7.7 |

Figure 13JJ

|            |   |  |        |          |      |      |     |
|------------|---|--|--------|----------|------|------|-----|
| 50567_r_at |   |  |        | AA780080 | 0.6  | 1.7  | 7.7 |
| 49458_at   |   |  |        | AA921835 | 4.5  | 1.1  | 7.7 |
| 47206_at   |   |  |        | AA984304 | 0    | 2.8  | 7.7 |
| 62857_at   |   |  |        | AI784540 | 1.3  | 0.4  | 7.7 |
| 71584_at   | X-box binding protein 1   |  |        | AA503434 | 2.5  | 0    | 7.7 |
| 83201_at   |   |  |        | AI984360 | 1.4  | 3.2  | 7.7 |
| 82126_at   |   |  |        | AA831700 | 0.8  | 0.1  | 7.7 |
| 64460_at   | M-phase phosphoprotein homolog  |  |        | AI823360 | 0.9  | 1    | 7.7 |
| 45298_at   |   |  |        | N66638   | 6    | 2.8  | 7.7 |
| 44808_at   |   |  |        | AA455864 | 2.5  | 3.9  | 7.7 |
| 87497_f_at |   |  |        | AI832016 | 27   | 21.1 | 7.7 |
| 47018_at   |   |  |        | AI168404 | 0    | 0.8  | 7.7 |
| 56668_at   |   |  |        | AI806747 | 0.4  | 2.3  | 7.7 |
| 36050_at   | zinc finger protein 313   |  | ZNF313 | AL031685 | 0.6  | 0.5  | 7.6 |
| 39041_at   | dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) |  | DLAT   | Y00978   | 0    | 3.7  | 7.6 |
| 32217_at   |   |  |        | AF052105 | 12.6 | 6.3  | 7.6 |
| 33754_at   | thyroid transcription factor 1  |  | TTF1   | U43203   | 2.3  | 0.3  | 7.6 |
| 34312_at   | nuclear receptor coactivator 2  |  | NCOA2  | AI040324 | 4.5  | 3    | 7.6 |
| 1562_g_at  | dual specificity phosphatase 8  |  | DUSP8  | U27193   | 2.9  | 3.7  | 7.6 |
| 36066_at   | KIA0828 protein   |  |        | AB020635 | 5.7  | 2.4  | 7.6 |
| 36103_at   | small inducible cytokine A3 (homologous to mouse Mip-1a)                              |  | SCYA3  | D90144   | 13.1 | 6.1  | 7.6 |
| 36943_r_at | pleiomorphic adenoma gene-like 1  |  | PLAGL1 | U81992   | 8.1  | 5.8  | 7.6 |
| 37195_at   | cytochrome P450, subfamily XIA (cholesterol side chain cleavage)                      |  | CYP11A | M14565   | 2.9  | 1.1  | 7.6 |
| 40681_at   | integrin, beta-like 1 (with EGF-like repeat domains)                                  |  | ITGBL1 | AB008375 | 1    | 0.4  | 7.6 |
| 47202_at   |   |  |        | AA116061 | 1    | 1.2  | 7.6 |
| 53862_at   |   |  |        | AA447888 | 0.1  | 0.7  | 7.6 |
| 62431_at   |   |  |        | AI197909 | 7.1  | 7.9  | 7.6 |
| 62866_at   |   |  |        | AI274114 | 1.4  | 1.8  | 7.6 |
| 55217_i_at |   |  |        | AA886955 | 2.2  | 0    | 7.6 |
| 81583_f_at |   |  |        | AI243475 | 38.1 | 2.1  | 7.6 |
| 44920_at   |   |  |        | AI914925 | 12.7 | 4.8  | 7.6 |
| 43312_at   |   |  |        | RI0159   | 2.8  | 2.6  | 7.6 |
| 68447_at   |   |  |        | AI809257 | 0    | 1.4  | 7.6 |

Figure 13KK

|            |   |  |         |          |     |     |     |
|------------|---|--|---------|----------|-----|-----|-----|
| 52546_at   | hypothetical protein FLJ20530   |  |         | AA747316 | 2.1 | 2.5 | 7.6 |
| 50853_at   |   |  |         | AI299719 | 0.8 | 0.4 | 7.6 |
| 45893_at   |   |  |         | H24387   | 7.5 | 5   | 7.6 |
| 38831_f_at | erythropoietin  |  | EPO     | AF053356 | 2.8 | 1.9 | 7.6 |
| 52107_g_at | CGI-90 protein  |  |         | AI800674 | 5.5 | 6.2 | 7.6 |
| 35009_at   | low density lipoprotein-related protein 2   |  | LRP2    | U33837   | 1.5 | 0.7 | 7.5 |
| 35386_at   | acetylcholinesterase (YT blood group)   |  | AChE    | AI825097 | 8.9 | 3.5 | 7.5 |
| 32294_g_at | luteinizing hormone/choriogonadotropin receptor   |  | LHCGR   | M63108   | 3.9 | 3.2 | 7.5 |
| 1338_s_at  | cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6                 |  | CYP2A6  | X13930   | 1.3 | 0.1 | 7.5 |
| 32353_at   | kalikrein B, plasma (Fletcher factor) 1   |  | KLKB1   | M13143   | 1.5 | 1.9 | 7.5 |
| 37162_at   | DNA segment, single copy, probe pH4 (transforming sequence, thyroid-1,                  |  | D10S170 | S72869   | 1.4 | 1.2 | 7.5 |
| 1317_at    | macrophage stimulating 1 receptor (c-met-related tyrosine kinase)                       |  | MST1R   | X70040   | 0.8 | 2   | 7.5 |
| 38735_at   | KIAA0513 gene product   |  |         | AB011085 | 0.3 | 1.5 | 7.5 |
| 35638_at   | core-binding factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D-related |  | CBFA2T1 | D43638   | 2.4 | 0   | 7.5 |
| 40344_at   | neurologin 1  |  | NLG1    | AB028993 | 1.3 | 2.3 | 7.5 |
| 37535_at   | cAMP responsive element binding protein 1   |  | CREB1   | M27691   | 1.3 | 1.6 | 7.5 |
| 38436_at   | KIAA0252 protein  |  |         | D87440   | 0.2 | 5.8 | 7.5 |
| 38485_at   | NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1 (6kD, KFYI)                    |  | NDUFC1  | AA760866 | 1.2 | 0.7 | 7.5 |
| 38772_at   | cysteine-rich, angiogenic inducer, 61   |  | CYR61   | Y11307   | 0.4 | 1   | 7.5 |
| 38319_at   | CD3D antigen, delta polypeptide (T113 complex)  |  | CD3D    | AA919102 | 0.6 | 0.4 | 7.5 |
| 66366_at   |   |  |         | AI695056 | 0   | 0.6 | 7.5 |
| 73703_at   |   |  |         | AA777616 | 7   | 4.7 | 7.5 |
| 51193_at   |   |  |         | R14888   | 2   | 2   | 7.5 |
| 82251_at   |   |  |         | AI819034 | 0.5 | 0.7 | 7.5 |
| 44833_s_at | heat shock 70kD protein 8   |  | HSPA8   | AI986374 | 2.2 | 2.1 | 7.5 |
| 48210_r_at |   |  |         | AA251543 | 5.1 | 5.9 | 7.5 |
| 72313_at   |   |  |         | AI041279 | 3.2 | 2   | 7.5 |
| 72092_f_at |   |  |         | AA677864 | 4.9 | 3.4 | 7.5 |
| 46033_at   |   |  |         | AA063037 | 2.1 | 3.3 | 7.5 |
| 42007_at   |   |  |         | AA210684 | 1.9 | 3.1 | 7.5 |

Figure 13LL



|            |   |  |        |          |      |     |     |
|------------|---|--|--------|----------|------|-----|-----|
| 37161_at   |   |  |        | W28948   | 0.7  | 0.4 | 7.5 |
| 54125_at   |   |  |        | 3038358  | 0.3  | 0.5 | 7.5 |
| 72546_at   |   |  |        | A1033943 | 1.3  | 1.4 | 7.5 |
| 40074_at   | methylenetetrahydrofolate dehydrogenase (NAD+ dependent),<br>methylenetetrahydrofolate cyclohydrolase |  | MTHFD2 | X16396   | 0    | 0   | 7.5 |
| 1785_at    | retinoblastoma-binding protein 2  |  | RBBP2  | S66431   | 5.9  | 2.4 | 7.5 |
| 54067_at   |   |  |        | A1982669 | 3.1  | 6.8 | 7.5 |
| 38688_at   | KIAA0461 protein  |  |        | AB007930 | 3.1  | 3.3 | 7.4 |
| 39852_at   | KIAA0610 protein  |  |        | AB011182 | 2.2  | 5.1 | 7.4 |
| 40053_at   | KIAA0573 protein  |  |        | AB011145 | 0.1  | 3.1 | 7.4 |
| 38187_at   | N-acetyltransferase 1 (arylamine N-acetyltransferase)   |  | NAT1   | D90041   | 0.5  | 0.5 | 7.4 |
| 32321_at   | major histocompatibility complex, class I, E  |  | HLA-E  | X56841   | 2.6  | 2.5 | 7.4 |
| 31524_f.at | H2B histone family, member K  |  | H2BFK  | Z80782   | 4.5  | 1.4 | 7.4 |
| 33879_at   | sigma receptor (SR31747 binding protein 1)  |  |        | U79528   | 3    | 0   | 7.4 |
| 33454_at   |   |  |        | AF016903 | 2.2  | 3.1 | 7.4 |
| 34333_at   | KIAA0063 gene product   |  |        | AL021707 | 2.3  | 1   | 7.4 |
| 32530_at   | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase<br>activation protein, theta polypeptide          |  | YWHAQ  | X56468   | 4.8  | 2.9 | 7.4 |
| 36176_at   | tubulin-specific chaperone c  |  | TBCC   | U61234   | 2.6  | 3.8 | 7.4 |
| 37681_i.at | matrin 3  |  | MATR3  | AB018266 | 1.4  | 0.3 | 7.4 |
| 41107_at   | synaphillin   |  |        | AB002372 | 0.8  | 0   | 7.4 |
| 36809_at   | Charot-Leyden crystal protein   |  | CLC    | L01664   | 0    | 1.7 | 7.4 |
| 61757_at   |   |  |        | A1273692 | 8    | 3.3 | 7.4 |
| 48238_at   |   |  |        | AA421131 | 3.9  | 1.1 | 7.4 |
| 67068_at   |   |  |        | A1298437 | 0.3  | 2.4 | 7.4 |
| 49312_at   | CGI-102 protein   |  |        | AA747303 | 4.4  | 3.2 | 7.4 |
| 51474_at   |   |  |        | AA127641 | 58.7 | 2.4 | 7.4 |
| 44306_at   |   |  |        | AA707318 | 3.8  | 3   | 7.4 |
| 69439_at   | hypothetical protein MGC5356  |  |        | A1655792 | 7.9  | 4.2 | 7.4 |
| 88792_at   |   |  |        | A1681436 | 0.4  | 1.8 | 7.4 |
| 71483_at   |   |  |        | A1937154 | 0.1  | 0.8 | 7.4 |
| 74482_at   |   |  |        | AW025586 | 1.2  | 8.3 | 7.4 |
| 43738_at   |   |  |        | AA565834 | 3.6  | 2.9 | 7.4 |
| 50228_at   | hemoglobin, gamma G   |  | HBG2   | AA992592 | 0    | 4.3 | 7.4 |
| 47493_at   |   |  |        | A1016311 | 0    | 4.2 | 7.4 |

Figure 13MM

|            |  |          |      |      |     |
|------------|--|----------|------|------|-----|
| 44531_at   |  | A1922892 | 8.1  | 1.2  | 7.4 |
| 44395_at   |  | AW016801 | 1.7  | 0    | 7.4 |
| 44853_s_at |  | AA528059 | 12.9 | 10   | 7.4 |
| 45011_at   |  | N48679   | 0.6  | 1.7  | 7.4 |
| 46239_at   | KIAA1460 protein   | N21600   | 0.4  | 1.4  | 7.4 |
| 61867_at   | ribosomal protein S20  | RAA79427 | 6.2  | 2    | 7.4 |
| 57251_at   |  | AA394228 | 4.6  | 3.3  | 7.4 |
| 55720_at   |  | W37770   | 0.7  | 3.9  | 7.4 |
| 62052_f.at |  | H60827   | 2    | 0.5  | 7.4 |
| 41295_at   | GTFI1 protein  | AL041780 | 5.9  | 2.9  | 7.4 |
| 44120_at   |  | A1879381 | 6.9  | 6.9  | 7.4 |
| 50297_f.at | apolipoprotein L1, 3   | APOL3    | 10   | 17.1 | 7.4 |
| 38691_s_at | surfactant, pulmonary-associated protein C   | SFTPC    | 2.2  | 2    | 7.3 |
| 41474_at   | kinesin heavy chain member 2   | KIF2     | 13.3 | 24.6 | 7.3 |
| 39901_at   | EGF-like repeats and discoidin-like domains 3  | EDIL3    | 2.3  | 0.2  | 7.3 |
| 41298_at   | mannosidase, alpha, class 1A, member 2   | MAN1A2   | 2.3  | 0    | 7.3 |
| 37754_at   | lectin, galactoside-binding, soluble, 3 binding protein (galectin 6 binding protein) | L3210    | 10.5 | 19.8 | 7.3 |
| 37587_at   | recoverin  | RCV1     | 1.1  | 1.1  | 7.3 |
| 37996_s_at | dystrophia myotonica-protein kinase  | DMPK     | 0    | 0    | 7.3 |
| 2021_s_at  | cyclin E1  | M73812   | 0.4  | 0    | 7.3 |
| 73788_at   |  | AA706942 | 2.2  | 2.8  | 7.3 |
| 49256_at   | peptidylprolyl isomerase A (cyclophilin A)   | A1952127 | 8.6  | 1.6  | 7.3 |
| 56902_at   |  | R01845   | 2.2  | 0.4  | 7.3 |
| 86833_r.at |  | H68862   | 4.7  | 3.1  | 7.3 |
| 45710_at   | DNA segment, single copy, probe pH4 (transforming sequence, thyroid-1,               | H15313   | 0    | 0    | 7.3 |
| 47324_at   | heat shock 90kD protein 1, alpha   | HA199881 | 3.7  | 2    | 7.3 |
| 92101_s.at | ubiquitin A-52 residue ribosomal protein fusion product 1                            | A1802408 | 0    | 0.6  | 7.3 |
| 51842_at   |  | A1570531 | 15   | 2.9  | 7.3 |
| 49837_at   |  | A1209180 | 3.4  | 2    | 7.3 |
| 67827_f.at |  | AA525067 | 1.4  | 0.2  | 7.3 |
| 37107_at   | protein phosphatase 1D magnesium-dependent, delta isoform                            | U78305   | 1.1  | 0.1  | 7.2 |
| 31985_at   |  | AL049228 | 4.3  | 2.7  | 7.2 |

Figure 13NN

|            |  |  |        |          |      |      |     |
|------------|--|--|--------|----------|------|------|-----|
| 34931_at   | KIAA0940 protein   |  |        | AB023157 | 0.8  | 0.9  | 7.2 |
| 39920_r_at | C1q-related factor   |  |        | AF095154 | 1.8  | 0.1  | 7.2 |
| 317_at     | protease, cysteine, 1 (legumain)   |  | PRSC1  | D55696   | 2.5  | 8.6  | 7.2 |
| 32779_s_at | inositol 1,4,5-trisphosphate receptor, type 1                                      |  | ITPR1  | U23850   | 2.2  | 2.1  | 7.2 |
| 40428_l_at |  |  |        | AW043812 | 0    | 0.3  | 7.2 |
| 1065_at    | fms-related tyrosine kinase 3  |  | FLT3   | U02687   | 2.2  | 1.8  | 7.2 |
| 32628_at   | zinc finger protein 161  |  | ZNF161 | D28118   | 3.7  | 3.5  | 7.2 |
| 1953_at    | vascular endothelial growth factor   |  | VEGF   | AF024710 | 28.4 | 6.2  | 7.2 |
| 1106_s_at  | T cell receptor alpha locus  |  | TRA@   | M12959   | 0.9  | 1.2  | 7.2 |
| 37994_at   | fragile X mental retardation 1   |  | FMR1   | X69962   | 1.8  | 2    | 7.2 |
| 63350_at   | hypothetical protein FLJ20707  |  |        | N66569   | 1.7  | 0.4  | 7.2 |
| 81276_at   |  |  |        | N63894   | 3.5  | 5.5  | 7.2 |
| 81726_at   |  |  |        | A1885498 | 15.1 | 10.7 | 7.2 |
| 77922_at   |  |  |        | AA884304 | 17.6 | 0.5  | 7.2 |
| 50868_at   |  |  |        | AW021051 | 1.2  | 11.4 | 7.2 |
| 43524_at   | KIAA1170 protein   |  |        | C14031   | 42.1 | 18.4 | 7.2 |
| 82383_r_at |  |  |        | A1215733 | 0.5  | 0    | 7.2 |
| 44000_at   |  |  |        | AA534378 | 2.8  | 2.8  | 7.2 |
| 63142_at   | hypothetical protein FLJ14033 similar to hypoxia inducible factor 3, alpha subunit |  |        | C16964   | 0.4  | 1.5  | 7.2 |
| 50146_at   |  |  |        | A1819320 | 1.9  | 3.1  | 7.2 |
| 44567_at   |  |  |        | A1992275 | 1.4  | 0    | 7.2 |
| 51024_at   |  |  |        | A1400509 | 13.3 | 17.3 | 7.2 |
| 45220_at   |  |  |        | AA150501 | 0.6  | 2.2  | 7.2 |
| 45608_at   |  |  |        | A1202327 | 11.7 | 4.7  | 7.2 |
| 84373_at   | fragile X mental retardation, autosomal homolog 2                                  |  | FXR2   | A1703341 | 2.2  | 1.1  | 7.2 |
| 47844_at   |  |  |        | AA131302 | 1.7  | 2.5  | 7.2 |
| 58848_at   | mitogen-activated protein kinase kinase 2  |  | MAP2k2 | A1809489 | 2.8  | 2.8  | 7.2 |
| 64267_f_at | huntingtin-associated protein interacting protein (duo)                            |  | HAPIP  | A1962617 | 0.6  | 2.7  | 7.2 |
| 47113_at   | Kruppel-like factor 5 (intestinal)   |  | KLF5   | A1815057 | 31.5 | 41.2 | 7.2 |
| 52860_at   | hypothetical protein FLJ20279  |  |        | AA039793 | 0    | 3    | 7.2 |
| 55521_at   |  |  |        | A1201082 | 1.9  | 0.2  | 7.2 |
| 1280_l_at  |  |  |        | Z25424   | 0.1  | 0    | 7.2 |
| 1937_at    |  |  |        | M26460   | 0.8  | 0    | 7.2 |
| 60690_at   |  |  |        | AA203328 | 4.2  | 4.4  | 7.2 |

Figure 1300

|            |   |  |          |          |  |       |      |     |
|------------|---|--|----------|----------|--|-------|------|-----|
| 69970_at   |   |  |          | A1086392 |  | 5.1   | 5.3  | 7.2 |
| 40585_at   | adenylate cyclase 7   |  | ADCY7    | D25538   |  | 7.2   | 5.1  | 7.2 |
| 32854_at   | f-box and WD-40 domain protein 1B   |  | FBXW1B   | AB014596 |  | 6.4   | 2    | 7.2 |
| 45509_g_at | NADH dehydrogenase (ubiquinone) Fe-S protein 4 (18kD) (NADH-coenzyme Q reductase) |  | NDUFS4   | H45672   |  | 2     | 2.5  | 7.2 |
| 39422_at   | KIAA0477 gene product   |  |          | AB007923 |  | 23.8  | 11.2 | 7.1 |
| 1252_at    | DNA segment, single copy probe LNS-CAI/LNS-CAII (deleted in polyposis)            |  |          | M73547   |  | 0     | 0.7  | 7.1 |
| 37925_r_at | apolipoprotein M  |  |          | AJ245434 |  | 0     | 0.8  | 7.1 |
| 33922_at   | PR domain containing 2, with ZNF domain   |  | PRDM2    | U17838   |  | 0     | 0    | 7.1 |
| 37429_g_at | netrin G1   |  |          | A1140857 |  | 2.6   | 0.6  | 7.1 |
| 33492_at   |   |  |          | A1624840 |  | 4.7   | 1.8  | 7.1 |
| 34777_at   | adrenomedullin  |  | ADM      | D14874   |  | 27.2  | 8.5  | 7.1 |
| 36535_at   | microfibrillar associated protein 1   |  | MFAP1    | U04209   |  | 5.8   | 5.1  | 7.1 |
| 844_at     | protein phosphatase 1, regulatory (inhibitor) subunit 1A                          |  | PPP1R1A  | U48707   |  | 0.6   | 0.5  | 7.1 |
| 408_at     | GRO1 oncogene (melanoma growth stimulating activity, alpha)                       |  | GRO1     | X54489   |  | 486.7 | 11.5 | 7.1 |
| 39476_at   |   |  |          | Z49995   |  | 0.9   | 0.6  | 7.1 |
| 50334_at   | basic transcription factor 3  |  | BTF3     | A1798775 |  | 0.5   | 1.2  | 7.1 |
| 76768_at   |   |  |          | A1792267 |  | 3.1   | 0.3  | 7.1 |
| 62375_at   |   |  |          | A1521162 |  | 1.4   | 0.6  | 7.1 |
| 53959_at   |   |  |          | AW009031 |  | 1     | 1.1  | 7.1 |
| 81541_at   | natural killer cell receptor 2B4  |  | A1871467 |          |  | 2.3   | 3.8  | 7.1 |
| 82835_at   | osmosis responsive factor   |  | AA534572 |          |  | 3.1   | 1.6  | 7.1 |
| 54857_at   | ancient conserved domain protein 4  |  | A1636759 |          |  | 9.6   | 8    | 7.1 |
| 43281_at   |   |  | AA481181 |          |  | 3.5   | 5.5  | 7.1 |
| 72835_at   |   |  | AA460146 |          |  | 0.7   | 1.1  | 7.1 |
| 44265_at   |   |  | H10709   |          |  | 1.9   | 3.9  | 7.1 |
| 53439_at   |   |  | R97957   |          |  | 4.3   | 2.7  | 7.1 |
| 54166_at   |   |  | A1082750 |          |  | 4.3   | 1.9  | 7.1 |
| 41985_at   |   |  | AA143802 |          |  | 2.6   | 1.6  | 7.1 |
| 48940_at   |   |  | AA773807 |          |  | 0     | 4.3  | 7.1 |
| 53155_at   |   |  | AA608559 |          |  | 5.7   | 4.4  | 7.1 |
| 41641_at   | GP1-anchored metastasis-associated protein homolog                                |  | AJ223603 |          |  | 1.6   | 0    | 7   |
| 40264_g_at | zinc finger protein-like 1  |  | ZFPL1    | AF001891 |  | 2.5   | 1.7  | 7   |

Figure 13PP

| 40109_at   | serum response factor (c-fos serum response element-binding transcription factor) | SRF    | J03161   | 0     | 1.7  | 7   |
|------------|---|--------|----------|-------|------|-----|
| 1478_at    | IL2-inducible T-cell kinase   | ITK    | L10717   | 9.7   | 4    | 7   |
| 34776_at   | Cdc42 effector protein 4; binder of Rho GTPases 4                                 |        | W27541   | 9.8   | 0    | 7   |
| 36116_at   | thyroid hormone receptor interactor 10  | TRIP10 | AJ000414 | 215.9 | 56.7 | 7   |
| 1052_s_at  | CCAAT/enhancer binding protein (C/EBP), delta                                     | CEBPD  | M83667   | 15.2  | 3    | 7   |
| 38127_at   | syndecan 1  | SDC1   | Z48199   | 0.1   | 0.1  | 7   |
| 75868_r_at |   |        | A1791208 | 41.5  | 10.4 | 7   |
| 50855_at   |   |        | AA789332 | 0     | 8.4  | 7   |
| 59187_at   |   |        | AA970451 | 1.6   | 1.9  | 7   |
| 60417_r_at |   |        | A1081821 | 5.7   | 3.3  | 7   |
| 75201_f_at |   |        | A1688900 | 5.5   | 1.1  | 7   |
| 77231_at   |   |        | A1761622 | 4     | 3.1  | 7   |
| 59299_at   |   |        | H98190   | 3.3   | 3.3  | 7   |
| 91636_at   |   |        | A1652725 | 886.7 | 27.7 | 7   |
| 83074_at   |   |        | A1817967 | 2.3   | 0.9  | 7   |
| 62624_at   |   |        | AL043110 | 0     | 1    | 7   |
| 86090_at   |   |        | T69814   | 3.3   | 1.9  | 7   |
| 68084_at   |   |        | A1916367 | 2.7   | 1.1  | 7   |
| 59627_at   | hypothetical protein FLJ10628   |        | AA885169 | 2     | 5.5  | 7   |
| 70209_at   |   |        | A1761629 | 6.4   | 1.3  | 7   |
| 49600_at   |   |        | A1936984 | 3.5   | 3.9  | 7   |
| 49485_at   | PR domain containing 4  | PRDM4  | W22625   | 3.5   | 1.7  | 7   |
| 42867_at   |   |        | A1701798 | 2.4   | 2.3  | 7   |
| 64174_at   |   |        | A1127460 | 11    | 8.6  | 7   |
| 83561_at   |   |        | W26087   | 8.2   | 2.8  | 7   |
| 56273_at   | hypothetical protein FLJ20514   |        | AA534400 | 3     | 0    | 7   |
| 72462_f_at |   |        | H40456   | 1.4   | 0.4  | 7   |
| 78727_at   |   |        | AA425815 | 0     | 0    | 7   |
| 38712_at   | membrane protein CH1  |        | AL035291 | 6.7   | 6.1  | 6.9 |
| 34966_at   | T brachyury (mouse) homolog   | T      | AJ001699 | 1.1   | 0    | 6.9 |
| 32755_at   | actin, alpha 2, smooth muscle, aorta  | ACTA2  | X13839   | 3     | 4.3  | 6.9 |
| 34175_r_at |   |        | AL049242 | 0.6   | 0    | 6.9 |
| 678_at     | alkaline phosphatase, placental (Regan isozyme)                                   | ALPP   | J04948   | 3.4   | 1.1  | 6.9 |
| 32429_f_at | zinc finger protein 33b (K0X_31)  | ZNF33B | D11958   | 0     | 1.4  | 6.9 |

Figure 13QQ

|            |   |         |          |      |      |     |
|------------|---|---------|----------|------|------|-----|
| 36702_at   | T-box 19  | TBX19   | AJ010277 | 1.8  | 1.1  | 6.9 |
| 35359_at   | KIAA0235 protein  |         | D87078   | 0.8  | 0.1  | 6.9 |
| 36888_at   | KIAA0841 protein  |         | AB020648 | 5.1  | 0.8  | 6.9 |
| 37664_at   | developmentally regulated GTP-binding protein 2                     | DRG2    | X80754   | 7.6  | 1.3  | 6.9 |
| 38814_at   | ATPase, H+ transporting, lysosomal (vacuolar proton pump), member J | ATP6J   | AF038954 | 1.6  | 4.1  | 6.9 |
| 48025_at   | NCK adaptor protein 2   | NCK2    | A1934552 | 51.7 | 5.9  | 6.9 |
| 46778_at   |   |         | AA129377 | 2.4  | 3.8  | 6.9 |
| 47818_at   |   |         | A1968249 | 2.4  | 4.9  | 6.9 |
| 57619_at   | hypothetical protein FLJ10675                                       |         | W63595   | 2.5  | 0.1  | 6.9 |
| 58549_at   |   |         | T90987   | 0    | 2    | 6.9 |
| 59341_at   |   |         | A1311917 | 5.4  | 2.4  | 6.9 |
| 85019_at   |   |         | F02458   | 4.2  | 3    | 6.9 |
| 49339_s_at | reticulocalbin 1, EF-hand calcium binding domain                    | RCN1    | A817760  | 29.7 | 11.9 | 6.9 |
| 67857_at   |   |         | AA425402 | 0.2  | 0.3  | 6.9 |
| 57101_at   |   |         | AI242202 | 0.3  | 1.2  | 6.9 |
| 46697_at   | protein kinase, AMP-activated, gamma 2 non-catalytic subunit        | PRKAG2  | AA115330 | 1.3  | 7.5  | 6.9 |
| 44763_at   |   |         | AA280886 | 9.3  | 3.8  | 6.9 |
| 80665_r_at |   |         | AI963771 | 2.1  | 1.9  | 6.9 |
| 47287_at   |   |         | AI475473 | 53.5 | 2.5  | 6.9 |
| 62582_at   |   |         | AI821408 | 4.1  | 2    | 6.9 |
| 53334_at   |   |         | H12612   | 3.3  | 1.1  | 6.9 |
| 64490_at   | CGI-141 protein   |         | AI692654 | 1.9  | 2.3  | 6.9 |
| 54060_at   |   |         | AI523569 | 2.7  | 3.5  | 6.9 |
| 47159_at   |   |         | AL119027 | 1.8  | 0.8  | 6.9 |
| 56683_i at |   |         | AA639553 | 1.6  | 2.3  | 6.9 |
| 61180_f at |   |         | AA024934 | 0.7  | 0    | 6.9 |
| 89276_at   |   |         | AI810946 | 2.4  | 0.2  | 6.9 |
| 46727_at   |   |         | AI146850 | 3.8  | 3.1  | 6.9 |
| 46093_at   | hypothetical protein FLJ20173                                       |         | AA513748 | 5.3  | 3.2  | 6.9 |
| 46218_at   | DKFZp564J157 protein  |         | W22908   | 2.6  | 1.3  | 6.9 |
| 32125_at   | hypothetical protein LOC57187                                       |         | AA928996 | 3    | 3.8  | 6.8 |
| 176_at     | protein phosphatase 2, regulatory subunit B (B56), gamma isoform    | PPP2R5C | U37352   | 0    | 0    | 6.8 |
| 33700_at   | sprouty (Drosophila) homolog 2                                      | SPRY2   | AF039843 | 0.4  | 2.5  | 6.8 |

Figure 13RR

|            |  |           |  |  |      |      |     |
|------------|--|-----------|--|--|------|------|-----|
| 32745_at   | nuclear localization signal deleted in velocardiofacial syndrome                   | NLVCf     |  |  | 2.4  | 16.3 | 6.8 |
| 33881_at   | fatty acid: Coenzyme A ligase, long-chain 3  | FACL3     |  |  | 0.3  | 0    | 6.8 |
| 35568_at   | adenylate cyclase activating polypeptide 1 (pituitary) receptor type I             | ADCYAP1R1 |  |  | 1.7  | 2.1  | 6.8 |
| 32529_at   | transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment |           |  |  | 21.7 | 23.9 | 6.8 |
| 36949_at   | casein kinase 1, delta   | CSNK1D    |  |  | 0.6  | 0.7  | 6.8 |
| 37736_at   | protein-L-isoaspartate (D-aspartate) O-methyltransferase                           | PCMT1     |  |  | 0.5  | 2    | 6.8 |
| 38284_at   | KIAA0304 gene product  |           |  |  | 2.1  | 1.7  | 6.8 |
| 50545_at   |  |           |  |  | 1.7  | 1.9  | 6.8 |
| 50807_at   |  |           |  |  | 5.3  | 1.7  | 6.8 |
| 76062_l_at |  |           |  |  | 0.4  | 2.7  | 6.8 |
| 50864_at   |  |           |  |  | 0    | 2.3  | 6.8 |
| 60903_s_at | T-cell lymphoma invasion and metastasis 2  | TIAM2     |  |  | 41.6 | 25.5 | 6.8 |
| 56559_s_at |  |           |  |  | 0.8  | 2.9  | 6.8 |
| 78786_at   |  |           |  |  | 1.6  | 2.7  | 6.8 |
| 55048_at   |  |           |  |  | 1    | 1.9  | 6.8 |
| 55239_at   |  |           |  |  | 6.1  | 7.4  | 6.8 |
| 59357_at   |  |           |  |  | 0    | 0    | 6.8 |
| 52667_at   |  |           |  |  | 3.2  | 2.9  | 6.8 |
| 58473_at   |  |           |  |  | 1.2  | 2.7  | 6.8 |
| 48085_at   |  |           |  |  | 0    | 2    | 6.8 |
| 49645_r_at |  |           |  |  | 4.9  | 4.3  | 6.8 |
| 46673_at   |  |           |  |  | 0    | 1.4  | 6.8 |
| 44884_at   |  |           |  |  | 4.1  | 7.3  | 6.8 |
| 61409_at   |  |           |  |  | 4.4  | 2.3  | 6.8 |
| 78387_at   |  |           |  |  | 6    | 3.9  | 6.8 |
| 39561_at   | dynein, axonemal, light polypeptide 4  |           |  |  | 4.2  | 1    | 6.8 |
| 33198_at   | binder of Arl Two  | DNAL4     |  |  | 4.8  | 2.3  | 6.8 |
| 51251_at   |  |           |  |  | 6.6  | 2    | 6.8 |
| 40218_at   | CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 1                   | CDS1      |  |  | 0.1  | 6.8  | 6.7 |
| 40448_at   | zinc finger protein homologous to Zfp-36 in mouse                                  | ZFP36     |  |  | 4.9  | 0.5  | 6.7 |
| 40600_at   | DnaJ (Hsp40) homolog, subfamily C, member 4  | DNAJC4    |  |  | 1.3  | 0.5  | 6.7 |

Figure 13SS

|            |   |          |          |      |      |     |
|------------|---|----------|----------|------|------|-----|
| 34295_at   | ubiquitin specific protease 15  | USP15    | AB011101 | 0.4  | 1.7  | 6.7 |
| 36600_at   | proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)          | PSME1    | L07633   | 15.9 | 19.1 | 6.7 |
| 37230_at   | KIAA0469 gene product   | KIAA0469 | AB007938 | 13.3 | 1.2  | 6.7 |
| 37368_at   | nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 | NFATC4   | AA292277 | 3.6  | 1    | 6.7 |
| 38091_at   | lectin, galactoside-binding, soluble, 9 (galectin 9)                      | LGALS9   | Z49107   | 3.2  | 7.7  | 6.7 |
| 37941_at   | myosin-binding protein C, fast-type                                       | MYBPC2   | X73113   | 4.5  | 1.3  | 6.7 |
| 38254_at   | KIAA0882 protein  |          | AB020689 | 7    | 0.8  | 6.7 |
| 66311_r_at |   |          | H56152   | 1.8  | 1.6  | 6.7 |
| 66515_at   |   |          | AA707328 | 0.9  | 1.8  | 6.7 |
| 58890_at   |   |          | T89102   | 8.8  | 3.5  | 6.7 |
| 49388_at   | chromosome 8 open reading frame 2   | C8ORF2   | W23473   | 0.3  | 1.3  | 6.7 |
| 57672_at   |   |          | AI743880 | 0    | 2    | 6.7 |
| 91032_at   |   |          | AI791640 | 0.3  | 0    | 6.7 |
| 80124_at   |   |          | AA643238 | 0.6  | 0    | 6.7 |
| 86332_at   |   |          | AI523641 | 1    | 0.1  | 6.7 |
| 55931_at   |   |          | AI819394 | 0.6  | 1.9  | 6.7 |
| 43380_s_at | paired immunoglobulin-like receptor beta                                  |          | AI990273 | 2.7  | 3.8  | 6.7 |
| 49291_r_at | hypothetical protein FLJ23445   |          | N30264   | 0.6  | 2.5  | 6.7 |
| 51496_at   |   |          | RC3923   | 2.6  | 1.5  | 6.7 |
| 45948_r_at |   |          | R98767   | 4.6  | 4.1  | 6.7 |
| 53546_at   |   |          | AI186883 | 4.8  | 3.7  | 6.7 |
| 51053_at   |   |          | AI122787 | 3.8  | 4.8  | 6.7 |
| 45661_at   |   |          | N90348   | 4.5  | 5.5  | 6.7 |
| 46237_at   |   |          | AW001342 | 4.8  | 2.5  | 6.7 |
| 65715_at   | nuclear receptor coactivator 1  | NCOA1    | AL079440 | 2.5  | 5    | 6.7 |
| 43479_at   |   |          | AA082768 | 0.5  | 0.2  | 6.7 |
| 31680_at   |   |          | M55630   | 14.3 | 5.5  | 6.7 |
| 61321_f_at |   |          | AA534354 | 0    | 0.8  | 6.7 |
| 53083_at   |   |          | 3147616  | 3.1  | 0    | 6.7 |
| 33134_at   | adenylate cyclase 3   | ADCY3    | AB011083 | 5.8  | 0    | 6.7 |
| 45578_s_at |   |          | N26243   | 5.5  | 1.8  | 6.7 |
| 39061_at   | bone marrow stromal cell antigen 2  | BST2     | D28137   | 5.5  | 9.7  | 6.6 |

Figure 13TT



|            |   |         |          |       |      |     |
|------------|---|---------|----------|-------|------|-----|
| 37880_at   | alanine:glyoxylate aminotransferase (oxalosis I; hyperoxaluria I; glycolicaciduria; serine-pyruvate aminotransferase) | A5XT    | X53414   | 2.3   | 1.2  | 6.6 |
| 37883_i.at | hypothetical protein  |         | A1375033 | 3     | 1.6  | 6.6 |
| 31508_at   | upregulated by 1,25-dihydroxyvitamin D-3  |         | S73591   | 0     | 0.1  | 6.6 |
| 1044_s.at  | E2F transcription factor 5, p130-binding  | E2F5    | U31556   | 2.3   | 0.4  | 6.6 |
| 33872_at   | latrophilin   |         | AB018329 | 1.5   | 0    | 6.6 |
| 37240_at   | histidyl-tRNA synthetase-like   | HARSL   | U18937   | 2.5   | 0.9  | 6.6 |
| 793_at     | placental growth factor, vascular endothelial growth factor-related protein   | PGF     | X54936   | 0.6   | 2.9  | 6.6 |
| 40299_at   | G-protein coupled receptor  |         | AF091890 | 1.8   | 0.9  | 6.6 |
| 35335_at   | Rho-associated, coiled-coil containing protein kinase 2   | ROCK2   | AB014519 | 3.1   | 2.7  | 6.6 |
| 35219_at   |   |         | AI050202 | 2.8   | 0.3  | 6.6 |
| 36899_at   | special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA s)                       | SATB1   | M97287   | 4.3   | 4.8  | 6.6 |
| 36573_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1  | DDXBP1  | U78524   | 3.7   | 8    | 6.6 |
| 1217_g.at  | protein kinase C, beta 1  | PRKCB1  | X07109   | 1     | 0.5  | 6.6 |
| 1779_s.at  | p1m-1 oncogene  | P1M1    | M16750   | 23    | 3.5  | 6.6 |
| 40691_at   | zinc finger protein 274   | ZNF274  | U71598   | 0     | 3    | 6.6 |
| 34060_g.at |   |         | AA586695 | 5.8   | 1.1  | 6.6 |
| 38805_at   | TG-interacting factor (TALE family homeobox)  | TGIF    | X89750   | 6.2   | 4.4  | 6.6 |
| 50713_at   |   |         | H73401   | 5.8   | 4.1  | 6.6 |
| 60685_at   |   |         | AA292534 | 3     | 1.9  | 6.6 |
| 47521_at   |   |         | AA621958 | 0.7   | 2.9  | 6.6 |
| 51389_at   |   |         | A1392609 | 1.9   | 1.6  | 6.6 |
| 75652_at   |   |         | A1983437 | 24.3  | 2.9  | 6.6 |
| 67262_at   |   |         | A1378639 | 0.5   | 0    | 6.6 |
| 82961_at   |   |         | A1286142 | 1.1   | 2.6  | 6.6 |
| 58689_at   |   |         | AA548518 | 1.2   | 0    | 6.6 |
| 89128_at   | C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 9                              | CLEC5F9 | A1968491 | 7.5   | 4.9  | 6.6 |
| 50352_at   | hypothetical protein FLJ10652   |         | AA151706 | 0     | 0.7  | 6.6 |
| 61328_at   | C-terminal binding protein 1  | CTBP1   | A1970615 | 2.4   | 0    | 6.6 |
| 87416_r.at |   |         | T91504   | 4.9   | 0.6  | 6.6 |
| 48098_at   | glucose regulated protein, 58kD   | GRP58   | AA478520 | 2.6   | 6    | 6.6 |
| 84995_at   |   |         | AA769482 | 117.4 | 12.2 | 6.6 |

Figure 13UU

|            |   |  |          |          |      |      |     |
|------------|---|--|----------|----------|------|------|-----|
| 64672_at   |   |  |          | AI339915 | 0    | 0.6  | 6.6 |
| 48573_at   | zinc finger protein 161   |  | ZNF161   | AA52188  | 3    | 1.5  | 6.6 |
| 44972_at   |   |  |          | AA99894  | 18.1 | 2.5  | 6.6 |
| 55673_at   | RAB-8b protein  |  |          | AI807023 | 16   | 13.1 | 6.6 |
| 48960_at   |   |  |          | AI191934 | 1.4  | 1.5  | 6.6 |
| 63037_s_at |   |  |          | AI653002 | 2.4  | 1.1  | 6.6 |
| 46454_at   |   |  |          | AA401446 | 0.1  | 0.4  | 6.6 |
| 49843_at   |   |  |          | AI082569 | 2.2  | 3.3  | 6.6 |
| 59805_f_at |   |  |          | AI636743 | 98.2 | 2.6  | 6.6 |
| 51938_at   |   |  |          | N33202   | 0.4  | 0    | 6.6 |
| 44110_at   |   |  |          | AI762752 | 2.9  | 6.6  | 6.6 |
| 44127_at   |   |  |          | AA604375 | 4.3  | 2.8  | 6.6 |
| 31559_at   | solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2                               |  | SLC13A2  | U26209   | 0.8  | 0    | 6.5 |
| 40082_at   | fatty acid:Coenzyme A ligase, long-chain 2  |  | FACL2    | D10040   | 16.9 | 11.5 | 6.5 |
| 11118_at   | prostaglandin E receptor 4 (subtype EP4)  |  | PTGER4   | L28175   | 2.7  | 1.2  | 6.5 |
| 34237_at   | HBS1 (S. cerevisiae)-like   |  | HBS1L    | AB028961 | 0.9  | 0.6  | 6.5 |
| 38660_at   | cytochrome c oxidase subunit VIa polypeptide 2  |  | COX6A2   | F27891   | 0.4  | 1.3  | 6.5 |
| 34708_at   | ficolin (collagen/fibrinogen domain-containing) 3 (Hakata antigen)  |  | FCN3     | D88587   | 0.7  | 0.6  | 6.5 |
| 37218_at   | BTG family, member 3  |  | BTG3     | D64110   | 9.7  | 8.7  | 6.5 |
| 40698_at   | C-type (calcium dependent, carbohydrate:recognition domain) lectin, superfamily member 2 (activation-induced) |  | CLEC5F2  | X96719   | 0.3  | 8.4  | 6.5 |
| 38326_at   | putative lymphocyte G0/G1 switch gene   |  |          | M59199   | 64.6 | 20.8 | 6.5 |
| 58024_at   |   |  |          | N32301   | 0    | 1.2  | 6.5 |
| 82892_at   | hypothetical protein FLJ12567   |  |          | AA192481 | 2.9  | 2.3  | 6.5 |
| 56894_at   | RAB38, member RAS oncogene family   |  | RAB38    | N29070   | 2.6  | 5.1  | 6.5 |
| 56930_at   | integrin beta 1 binding protein (melusin) 2   |  | ITGB1BP2 | AI568769 | 1.1  | 1.1  | 6.5 |
| 56991_at   |   |  |          | AI927199 | 4.7  | 1.2  | 6.5 |
| 42486_at   |   |  |          | AI004422 | 3.4  | 4.1  | 6.5 |
| 66819_at   |   |  |          | AA984073 | 3.4  | 1.6  | 6.5 |
| 67223_at   |   |  |          | AI003757 | 6.9  | 7.8  | 6.5 |
| 51643_at   |   |  |          | AL036254 | 5.9  | 3.9  | 6.5 |
| 49903_at   | KIAA1404 protein  |  |          | W72798   | 7.5  | 3.2  | 6.5 |
| 89178_at   |   |  |          | AI741934 | 0    | 7.2  | 6.5 |

Figure 13VV

|            |  |         |  |          |      |      |     |
|------------|--|---------|--|----------|------|------|-----|
| 60815_at   |  |         |  | AA601208 | 0.4  | 1.2  | 6.5 |
| 65544_at   | hypothetical protein FLJ12799  |         |  | AA524503 | 1.2  | 2.5  | 6.5 |
| 71661_at   |  |         |  | AI174651 | 9.1  | 5.4  | 6.5 |
| 59273_at   | hypothetical protein FLJ11729  |         |  | AI681511 | 2.3  | 2.4  | 6.5 |
| 46767_f.at |  |         |  | N95476   | 1.4  | 3.2  | 6.5 |
| 50083_at   |  |         |  | AI669535 | 0    | 2.2  | 6.5 |
| 43190_at   | mel transforming oncogene (derived from cell line NK14): RAB8 homolog                                    | MEL     |  | AA211355 | 0.8  | 1.1  | 6.5 |
| 55342_at   |  |         |  | AA010697 | 1.1  | 4.7  | 6.5 |
| 55873_at   |  |         |  | AI674683 | 0.1  | 1.3  | 6.5 |
| 54077_at   | hypothetical protein FLJ10430  |         |  | W18181   | 14.2 | 0.9  | 6.5 |
| 57543_at   | bromodomain adjacent to zinc finger domain, 1A   | BAZ1A   |  | AA112166 | 8.3  | 6.2  | 6.5 |
| 42109_at   |  |         |  | AA435715 | 1.5  | 4.3  | 6.5 |
| 55540_at   |  |         |  | AI806973 | 2.8  | 1.2  | 6.5 |
| 42245_r.at |  |         |  | AA461492 | 1.6  | 2.2  | 6.5 |
| 55542_at   |  |         |  | AI735416 | 0    | 0.2  | 6.5 |
| 60022_f.at |  |         |  | AA584560 | 2.2  | 0.7  | 6.5 |
| 52341_at   |  |         |  | 3052895  | 0.5  | 1.3  | 6.5 |
| 75000_at   |  |         |  | AI735440 | 25.9 | 12.1 | 6.5 |
| 77657_f.at |  |         |  | AI371706 | 0.2  | 0.4  | 6.5 |
| 37037_at   | procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide 1           | P4HA1   |  | M24486   | 2.1  | 1    | 6.5 |
| 48810_at   | hypothetical protein DKFZp761H221  |         |  | AI547243 | 4.6  | 3.7  | 6.5 |
| 58954_at   | NADH dehydrogenase (ubiquinone) Fe-S protein 8 (23kD) (NADH-coenzyme Q reductase)                        | NDUFS8  |  | AW021179 | 6.4  | 5.3  | 6.5 |
| 1373_at    | transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)                             | TCF3    |  | M31523   | 0    | 0.3  | 6.4 |
| 32474_at   | paired box gene 7  | PAX7    |  | X96744   | 2.8  | 0.2  | 6.4 |
| 39415_at   | heterogeneous nuclear ribonucleoprotein K  | HNRPK   |  | X72727   | 1.7  | 0.3  | 6.4 |
| 31756_at   |  |         |  | AI049328 | 2.6  | 0.5  | 6.4 |
| 36347_f.at | H2B histone family, member D   | H2BFD   |  | AA873858 | 4.4  | 1.4  | 6.4 |
| 32681_at   | solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na+/H+, amiloride sensitive) | SLC9A1  |  | S68616   | 0    | 0.9  | 6.4 |
| 40576_f.at | heterogeneous nuclear ribonucleoprotein D-like   | HNRPDL  |  | D89678   | 0    | 0    | 6.4 |
| 31628_at   | solute carrier family 15 (oligopeptide transporter), member 1  | SLC15A1 |  | AB001328 | 1.5  | 0.4  | 6.4 |

Figure 13WW

|            |   |          |          |      |      |     |
|------------|---|----------|----------|------|------|-----|
| 33886_at   | spectrin SH3 domain binding protein 1   | SSH3BP1  | AF006516 | 12.4 | 4.4  | 6.4 |
| 32776_at   | viral simian leukemia viral oncogene homolog B (ras related: GTP binding protein) | RALB     | M35416   | 11.3 | 5.2  | 6.4 |
| 41288_at   | matrix Gla protein  | MGP      | AL036744 | 1.7  | 1.3  | 6.4 |
| 35223_at   | alpha integrin binding protein 63   |          | AB023234 | 0    | 1.4  | 6.4 |
| 36008_at   | protein tyrosine phosphatase type IVA, member 3                                   | PTP4A3   | AF041434 | 7.7  | 2.4  | 6.4 |
| 41584_at   | nudix (nucleoside diphosphate linked moiety X) type motif 3                       | NUDT3    | AF062529 | 4.4  | 0.9  | 6.4 |
| 40041_at   | highly expressed in cancer, rich in leucine heptad repeats                        |          | AF017790 | 0    | 0.9  | 6.4 |
| 1102_s_at  | nuclear receptor subfamily 3, group C, member 1                                   | NR3C1    | M10901   | 3    | 1.1  | 6.4 |
| 37971_at   | bromodomain adjacent to zinc finger domain, 1A                                    | BAZ1A    | AL050089 | 6.7  | 6.9  | 6.4 |
| 156_s_at   | G protein-coupled receptor 19   | GPR19    | U64871   | 1.9  | 1.2  | 6.4 |
| 56192_at   |   |          | H15097   | 1.1  | 1.5  | 6.4 |
| 64733_r_at | serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9          | SERPINF9 | AA156247 | 26   | 12   | 6.4 |
| 48078_at   |   |          | W04245   | 0    | 0    | 6.4 |
| 59967_at   |   |          | R37678   | 1.3  | 0    | 6.4 |
| 59975_at   |   |          | AI808778 | 3.6  | 2    | 6.4 |
| 78742_at   |   |          | AI939581 | 3.4  | 1.2  | 6.4 |
| 51715_at   | lung type-I cell membrane-associated glycoprotein                                 |          | AA149854 | 5.2  | 3.5  | 6.4 |
| 61067_r_at |   |          | AA470798 | 4.2  | 3.7  | 6.4 |
| 51965_at   |   |          | AI024309 | 0.9  | 1.8  | 6.4 |
| 80605_at   |   |          | AI289185 | 2.9  | 3.5  | 6.4 |
| 55037_r_at |   |          | AI220443 | 4.1  | 5.4  | 6.4 |
| 84417_at   |   |          | AI807856 | 2.4  | 3.1  | 6.4 |
| 67401_at   |   |          | AI434675 | 16.7 | 16.1 | 6.4 |
| 44734_at   |   |          | R60867   | 8.2  | 1.2  | 6.4 |
| 67470_at   |   |          | AI928355 | 7.8  | 4.5  | 6.4 |
| 88916_at   |   |          | AI703450 | 0    | 0    | 6.4 |
| 80391_at   | kinesin-like 2  | KNSL2    | AI953141 | 4.1  | 3.8  | 6.4 |
| 74508_at   |   |          | AW015038 | 0.4  | 1.4  | 6.4 |
| 65506_at   | TIA1 cytotoxic granule-associated RNA-binding protein                             | TIA1     | AL046419 | 1.3  | 1.7  | 6.4 |
| 43965_at   |   |          | AA115111 | 1.2  | 1.7  | 6.4 |
| 44294_at   |   |          | T91110   | 2.6  | 2.5  | 6.4 |
| 68369_at   |   |          | T89659   | 1.5  | 1    | 6.4 |
| 90227_r_at |   |          | AI057455 | 1.5  | 0.6  | 6.4 |

Figure 13XX



|            |   |        |          |      |     |     |
|------------|---|--------|----------|------|-----|-----|
| 37536_at   | CD83 antigen (activated B lymphocytes, immunoglobulin superfamily)                  | CD83   | Z11697   | 10.7 | 8.3 | 6.3 |
| 1461_at    | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha | NFKB1A | M69043   | 17   | 4.9 | 6.3 |
| 51831_s_at |   |        | AW001505 | 1.4  | 3.9 | 6.3 |
| 54914_at   |   |        | AI740938 | 0.5  | 3   | 6.3 |
| 56401_at   | zinc finger protein 22 (KOX 15)   | ZNF22  | AI951311 | 7.8  | 4.7 | 6.3 |
| 56895_at   | hypothetical protein FLJ12455   |        | AI379622 | 0.6  | 3.1 | 6.3 |
| 47443_at   |   |        | AI268054 | 0.5  | 0.8 | 6.3 |
| 47448_at   |   |        | R37637   | 3.9  | 0.3 | 6.3 |
| 66749_at   |   |        | AA970080 | 1.5  | 2.2 | 6.3 |
| 52068_at   |   |        | AI221328 | 3    | 2.1 | 6.3 |
| 55108_at   |   |        | AI138596 | 2.4  | 1.8 | 6.3 |
| 83178_at   |   |        | AI590337 | 2.3  | 1.3 | 6.3 |
| 83378_at   |   |        | T54678   | 8.3  | 3.3 | 6.3 |
| 87889_at   |   |        | T65381   | 1.6  | 0   | 6.3 |
| 70085_f_at |   |        | AI817150 | 1    | 0.3 | 6.3 |
| 68675_at   | ficolin (collagen/fibrinogen domain-containing) 3 (Hakata antigen)                  | FCN3   | AI652910 | 3.8  | 4.7 | 6.3 |
| 63817_at   | DKFZP434B203 protein  |        | AA099904 | 4.8  | 2.6 | 6.3 |
| 52634_at   |   |        | AW025596 | 3    | 2.6 | 6.3 |
| 45478_at   |   |        | AW009224 | 2.5  | 2.5 | 6.3 |
| 43931_at   | hypothetical protein FLJ11269   |        | AI741524 | 4.4  | 1.9 | 6.3 |
| 65839_at   | PC3-96 protein  |        | AW022836 | 3.7  | 4.4 | 6.3 |
| 50122_at   |   |        | W87467   | 3.1  | 3.7 | 6.3 |
| 59076_at   |   |        | AI701486 | 0.2  | 1.3 | 6.3 |
| 46869_at   |   |        | T03685   | 6.6  | 1.1 | 6.3 |
| 74680_r_at | FLN29 gene product  |        | AW002527 | 4.7  | 7   | 6.3 |
| 47840_at   |   |        | R42863   | 1.2  | 2.7 | 6.3 |
| 46678_at   |   |        | AI734922 | 1.7  | 4.5 | 6.3 |
| 51949_at   |   |        | AI982758 | 2.9  | 3.7 | 6.3 |
| 46706_at   |   |        | AA149518 | 0.9  | 4.4 | 6.3 |
| 70198_f_at |   |        | AI821980 | 1.2  | 0.3 | 6.3 |
| 82253_i_at |   |        | AA663583 | 1.3  | 0   | 6.3 |
| 86760_f_at |   |        | AI096457 | 0    | 0.5 | 6.3 |

Figure 13ZZ

|            |   |          |          |     |     |     |
|------------|---|----------|----------|-----|-----|-----|
| 75969_f.at | transforming growth factor, beta-induced, 68kD  | TGFB1    | A1985333 | 3.6 | 1   | 6.3 |
| 1385_at    | uncoupling protein 2 (mitochondrial, proton carrier)  | UCP2     | M77349   | 6.4 | 3.5 | 6.3 |
| 37591_at   | thromboxane A synthase 1 (platelet, cytochrome P450, subfamily V)                               | TBXAS1   | U94592   | 5.2 | 2.3 | 6.3 |
| 33777_at   |   |          | D34625   | 6.6 | 6.5 | 6.3 |
| 46664_at   | apoptosis-associated speck-like protein containing a CARD                                       |          | A1148558 | 5.7 | 5.1 | 6.3 |
| 55525_at   |   |          | A1972498 | 6.2 | 5.5 | 6.3 |
| 39868_at   | poly(rC)-binding protein 3  | PCBP3    | AL046394 | 2   | 0.3 | 6.2 |
| 39695_at   | decay accelerating factor for complement (CD55, Crimer blood group system)                      | DAF      | M31516   | 6.6 | 1.1 | 6.2 |
| 32106_at   | serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 4 | SERPINA4 | L28101   | 0.5 | 0.5 | 6.2 |
| 40539_at   | myosin IXB  | MYO9B    | U42391   | 1   | 0.7 | 6.2 |
| 2039_s.at  | FYN oncogene related to SRC, FGR, YES   | FYN      | M14333   | 0   | 1.6 | 6.2 |
| 41196_at   | karyopherin (importin) beta 1   | KPNB1    | L38951   | 0   | 0   | 6.2 |
| 1740_g.at  | folate hydrolase (prostate-specific membrane antigen) 1   | FOLH1    | M99487   | 2   | 0.6 | 6.2 |
| 41234_at   | DnaJ (Hsp40) homolog, subfamily B, member 6   | DNAJB6   | AL540318 | 5.4 | 0.9 | 6.2 |
| 33349_at   |   |          | AL049378 | 1.8 | 0   | 6.2 |
| 33175_at   | glutamyl aminopeptidase (aminopeptidase A)  | ENPEP    | AA156237 | 0.9 | 0   | 6.2 |
| 35220_at   |   |          | L12468   | 2.2 | 0.5 | 6.2 |
| 34970_r.at |   |          | AL655458 | 1.9 | 0.3 | 6.2 |
| 40289_at   | N-ethylmaleimide-sensitive factor attachment protein, gamma                                     | NAPG     | U78107   | 3.4 | 1.5 | 6.2 |
| 35829_at   | immunoglobulin superfamily, member 4  | IGSF4    | AL080181 | 0.5 | 0   | 6.2 |
| 38466_at   | cathepsin K (pseudosostosis)  | CTSK     | X82153   | 3.2 | 0   | 6.2 |
| 56817_at   |   |          | AA576941 | 8.8 | 2.7 | 6.2 |
| 55729_at   |   |          | AA476783 | 1.1 | 1.3 | 6.2 |
| 63623_at   |   |          | AL694297 | 7.7 | 0   | 6.2 |
| 1315_at    | ornithine decarboxylase antizyme 1  | OAZ1     | D78361   | 2.8 | 1.9 | 6.2 |
| 65065_at   |   |          | AA926703 | 3.6 | 0.9 | 6.2 |
| 51716_r.at | complement component 5  | C5       | T71645   | 0.2 | 0.1 | 6.2 |
| 50062_at   |   |          | AA622412 | 0.6 | 0.2 | 6.2 |
| 46943_at   |   |          | AL733124 | 1.5 | 0.5 | 6.2 |
| 62008_at   |   |          | AL935871 | 0.8 | 0.2 | 6.2 |
| 48961_at   |   |          | N58188   | 0.9 | 0.5 | 6.2 |
| 84383_at   |   |          | AL949708 | 4.6 | 2.2 | 6.2 |

Figure 13AAA

|            |  |         |          |      |      |     |
|------------|--|---------|----------|------|------|-----|
| 74633_at   | tumor necrosis factor, alpha-induced protein 2     | TNFAIP2 | A1986430 | 53.5 | 15.5 | 6.1 |
| 42270_at   |  |         | W24320   | 4.7  | 1.5  | 6.1 |
| 46798_at   |  |         | AA827798 | 1.8  | 2.4  | 6.1 |
| 76067_at   | DNA fragmentation factor, 45 kD, alpha polypeptide | DFFA    | A1671302 | 1.7  | 1.4  | 6.1 |
| 55010_g_at |  |         | AA451732 | 0.5  | 0.2  | 6.1 |
| 81965_at   |  |         | H19232   | 1    | 0.9  | 6.1 |
| 61856_at   |  |         | A1634650 | 0.2  | 0    | 6.1 |
| 57051_at   |  |         | AA167704 | 10.2 | 9.4  | 6.1 |
| 90557_at   |  |         | AA195804 | 4.3  | 0.9  | 6.1 |
| 91454_at   |  |         | A1221300 | 0.9  | 1.2  | 6.1 |
| 84131_at   |  |         | A1808593 | 0    | 0.9  | 6.1 |
| 42825_at   |  |         | AA020957 | 2.2  | 3.8  | 6.1 |
| 85691_at   |  |         | A1989354 | 5.3  | 5.6  | 6.1 |
| 43482_s_at |  |         | A1921708 | 2.4  | 1.5  | 6.1 |
| 49162_f_at | collagen, type I, alpha 2                          | COL1A2  | A1610692 | 2.8  | 0.6  | 6.1 |
| 54829_s_at |  |         | AA147881 | 0    | 1.6  | 6.1 |
| 56939_at   |  |         | AA399009 | 2.9  | 2.6  | 6.1 |
| 68538_at   |  |         | A1973024 | 1.6  | 3    | 6.1 |
| 86817_at   |  |         | AF150371 | 1.2  | 1    | 6.1 |
| 63804_at   |  |         | AA195855 | 0.4  | 1.6  | 6.1 |
| 44328_at   | hypothetical protein MGC5487                       |         | AA905113 | 4.4  | 2    | 6.1 |
| 44202_at   |  |         | AA417797 | 4.7  | 3.8  | 6.1 |
| 64532_at   |  |         | R42005   | 1    | 1.2  | 6.1 |
| 45853_i_at |  |         | H03627   | 0.6  | 1.6  | 6.1 |
| 58977_at   |  |         | R77480   | 1.6  | 0.6  | 6.1 |
| 80613_at   |  |         | A1221511 | 1.4  | 2.6  | 6.1 |
| 53498_at   |  |         | AA464480 | 9.6  | 7    | 6.1 |
| 60571_at   |  |         | A1307109 | 7    | 2.3  | 6.1 |
| 47034_at   |  |         | A1653240 | 1.5  | 2    | 6.1 |
| 38747_at   | CD34 antigen                                       | CD34    | M81945   | 0.7  | 0.2  | 6.1 |
| 55590_at   |  |         | A1652861 | 0    | 2.7  | 6.1 |
| 56769_at   | B7-H1 protein                                      |         | AA292201 | 25.6 | 8    | 6.1 |
| 86430_r_at |  |         | R09516   | 4    | 0.1  | 6.1 |
| 92138_at   |  |         | A1345255 | 0.3  | 0    | 6.1 |
| 79933_at   |  |         | N33374   | 0.9  | 2.1  | 6.1 |

Figure 13CCC



|            |  |        |          |     |     |     |
|------------|--|--------|----------|-----|-----|-----|
| 32842_at   | B-cell CLL/lymphoma 7A                                       | BCL7A  | X89984   | 7.4 | 5.2 | 6.1 |
| 59766_at   |  |        | AA904413 | 5.6 | 1.8 | 6.1 |
| 48769_at   | hypothetical protein MGC4368                                 |        | AL121013 | 4.7 | 3   | 6.1 |
| 41625_at   | thyroid hormone receptor-associated protein, 240 kDa subunit |        | AB011165 | 3.3 | 1.9 | 6   |
| 35402_at   | death receptor 6   |        |          |     |     |     |
| 41240_at   | proteasome (prosome, macropain) subunit, alpha type, 2       | PSMA2  | AF068868 | 5.9 | 2.1 | 6   |
| 1367_f_at  | ubiquitin C  | UBC    | AA772359 | 1   | 4.5 | 6   |
| 1974_s_at  | tumor protein p53 (Li-Fraumeni syndrome)                     | TP53   | M26880   | 3.2 | 2.2 | 6   |
| 34287_at   | KIAA0958 protein   |        | X02469   | 0.7 | 0   | 6   |
| 153_f_at   | H2B histone family, member R                                 | H2BFR  | AB023175 | 2.3 | 0.1 | 6   |
| 38901_at   | ubiquitin specific protease 19                               | USP19  | X00088   | 3.5 | 0.8 | 6   |
| 39951_at   | plastin 1 (isoform)  | PLS1   | AB020698 | 0   | 0.3 | 6   |
| 35341_at   | ring finger protein 15                                       | RNF15  | L20826   | 1.9 | 0.7 | 6   |
| 38059_g_at | dermatopontin  | DPT    | U90547   | 7.2 | 1.1 | 6   |
| 40699_at   | CD8 antigen, alpha polypeptide (p32)                         | CD8A   | Z22865   | 0.2 | 1.5 | 6   |
| 40748_at   | carboxypeptidase A2 (pancreatic)                             | CPA2   | M12824   | 2.4 | 0.7 | 6   |
| 1254_at    | guanylate cyclase activator 1A (retina)                      | GUCA1A | U19977   | 9.7 | 6.2 | 6   |
| 276_at     | DnaJ (Hsp40) homolog, subfamily A, member 1                  |        | L36861   | 2.9 | 0.7 | 6   |
| 42272_at   |  | DNAJA1 | L08069   | 8.2 | 5.2 | 6   |
| 60261_r_at |  |        | AA743565 | 5.5 | 1.3 | 6   |
| 88770_r_at |  |        | AI627708 | 1.4 | 0.7 | 6   |
| 66616_at   |  |        | AI694231 | 0.6 | 0   | 6   |
| 42757_at   |  |        | AA285069 | 4.4 | 2.7 | 6   |
| 77391_at   |  |        | AA424339 | 0   | 0.6 | 6   |
| 47878_f_at | KIAA0117 protein   |        | AL037805 | 2.8 | 2.4 | 6   |
| 88207_at   |  |        | AI656542 | 5.4 | 2.8 | 6   |
| 48435_at   |  |        | AA086015 | 0.6 | 1.2 | 6   |
| 55396_at   |  |        | AI796988 | 0   | 0.8 | 6   |
| 48454_at   |  |        | N55264   | 5.8 | 2.5 | 6   |
| 52531_at   |  |        | AI200546 | 3.2 | 2   | 6   |
| 76098_r_at |  |        | AA019613 | 1.5 | 2.6 | 6   |
| 66724_at   | hypothetical protein FLJ11142                                |        | AI304317 | 7.3 | 10  | 6   |
| 45229_at   |  |        | AI698705 | 1.7 | 0.9 | 6   |
| 53607_at   |  |        | AA430014 | 1.8 | 1.9 | 6   |
|            |  |        | C14838   | 6.6 | 1.4 | 6   |

Figure 13DDD

|            |   |          |          |      |      |     |
|------------|---|----------|----------|------|------|-----|
| 52390_g.at |   |          | W92947   | 2.8  | 1.9  | 6   |
| 46017_at   |   |          | AA013349 | 1.2  | 1    | 6   |
| 58622_at   |   |          | AA463374 | 3.5  | 5.3  | 6   |
| 65108_at   |   |          | AI346432 | 0.2  | 1.5  | 6   |
| 43485_s.at | hypothetical protein FLJ21343                               |          | AI633875 | 5.9  | 0.4  | 6   |
| 55353_at   |   |          | AA760977 | 33.6 | 6.9  | 6   |
| 48737_at   |   |          | AI831738 | 1.3  | 4.4  | 6   |
| 51381_at   |   |          | AI480091 | 0    | 0    | 6   |
| 36181_at   | LIM and SH3 protein 1                                       | LASP1    | X82456   | 4.2  | 1    | 6   |
| 36940_at   | TGFB1-induced anti-apoptotic factor 1                       | TIAF1    | D86970   | 2.3  | 2    | 6   |
| 32562_at   | endoglin (Osler-Rendu-Weber syndrome 1)                     | ENG      | X72012   | 4.6  | 4.7  | 6   |
| 41619_at   | adenosine A2b receptor pseudogene                           | ADORA2BP | AI022398 | 2.1  | 5.6  | 5.9 |
| 31727_at   | ectonucleoside triphosphate diphosphohydrolase 2            | ENTPD2   | U91510   | 1.5  | 0.6  | 5.9 |
| 41689_at   | plasmalmin  |          | R16035   | 2.4  | 1.4  | 5.9 |
| 40487_at   |   |          | W26634   | 0    | 0    | 5.9 |
| 40862_i.at | creatine kinase, brain                                      | CKB      | X15334   | 11.6 | 1.6  | 5.9 |
| 41304_at   | neuropilin 2  | NRP2     | AF016098 | 10.8 | 5.7  | 5.9 |
| 768_at     | keratopharin alpha 5 (importin alpha 6)                     | KPNA5    | AF005361 | 1.2  | 0    | 5.9 |
| 40971_at   | KIAA0229 protein  |          | D86982   | 2.4  | 0    | 5.9 |
| 34231_at   | histone acetyltransferase                                   |          | AF074606 | 0    | 0.7  | 5.9 |
| 34706_at   | Max-interacting protein                                     |          | AB011090 | 1    | 1.6  | 5.9 |
| 31961_r.at |   |          | AF070579 | 1.3  | 0.6  | 5.9 |
| 39976_at   | hypothetical protein from EUROIIMAGE 783647                 |          | AL050087 | 9.4  | 4.1  | 5.9 |
| 36371_at   | microfibrillar-associated protein 3                         | MFAP3    | L32521   | 2    | 1    | 5.9 |
| 35348_at   | protein kinase, AMP-activated, beta 1 non-catalytic subunit | PRKAB1   | AF022116 | 10.8 | 3    | 5.9 |
| 38014_at   | adenosine deaminase, RNA-specific                           | ADAR     | X79448   | 7.8  | 7.4  | 5.9 |
| 37576_at   | Purkinje cell protein 4                                     | PCP4     | U52969   | 0.3  | 0.4  | 5.9 |
| 906_at     | signal transducer and activator of transcription 4          | STAT4    | L78440   | 54.6 | 10.3 | 5.9 |
| 58759_at   |   |          | AA481476 | 0.6  | 2.8  | 5.9 |
| 47059_at   | splicing factor, arginine/serine-rich 11                    | SFRS11   | AI002238 | 0    | 0    | 5.9 |
| 57501_at   |   |          | AI914124 | 7.6  | 12.8 | 5.9 |
| 66568_at   |   |          | AA873121 | 1.3  | 1.4  | 5.9 |
| 90638_r.at |   |          | AI692681 | 2.5  | 0.8  | 5.9 |
| 77547_at   |   |          | AA045155 | 1.4  | 0.4  | 5.9 |

Figure 13EEE

| 66294_at   | decay accelerating factor for complement (CD55, Cromer blood group system) | DAF      | AI888485 | 3    | 0.8 | 5.9 |
|------------|--|----------|----------|------|-----|-----|
| 91023_f.at |  |          | F03144   | 2.6  | 1.2 | 5.9 |
| 42721_at   |  |          | AI261490 | 17.5 | 4.3 | 5.9 |
| 84053_at   |  |          | AI419969 | 4.5  | 2.4 | 5.9 |
| 45522_at   |  |          | R41958   | 0    | 0.4 | 5.9 |
| 87285_at   |  |          | AA679812 | 3.5  | 1.1 | 5.9 |
| 43588_at   |  |          | H69543   | 3.7  | 0.7 | 5.9 |
| 69464_at   |  |          | AI655655 | 2.1  | 2.8 | 5.9 |
| 69558_s.at |  |          | AA431588 | 2.1  | 1.2 | 5.9 |
| 71278_at   |  |          | AI912743 | 1.7  | 1.8 | 5.9 |
| 42875_f.at |  |          | T97225   | 2.3  | 3.1 | 5.9 |
| 73781_at   |  |          | AI669763 | 1.8  | 3.8 | 5.9 |
| 44782_at   |  |          | AA258063 | 8.2  | 4.3 | 5.9 |
| 45583_at   |  |          | AA602585 | 13.1 | 0.9 | 5.9 |
| 68996_f.at |  |          | AI681967 | 6.2  | 2.2 | 5.9 |
| 88177_f.at |  |          | AI492518 | 0.8  | 0.4 | 5.9 |
| 57714_at   |  |          | AA429113 | 0    | 0.8 | 5.9 |
| 45612_at   | x 006 protein  |          | AI744560 | 4.9  | 3.7 | 5.9 |
| 62165_at   | hypothetical protein   |          | W72231   | 4.8  | 3.2 | 5.9 |
| 43576_at   |  |          | AI348427 | 0.6  | 5.4 | 5.9 |
| 54463_at   |  |          | AI356895 | 1.6  | 4.6 | 5.9 |
| 46639_at   |  |          | AA398558 | 1.5  | 1   | 5.9 |
| 64306_at   | fibrinogen, gamma polypeptide  | FGG      | AI568934 | 1.5  | 1.5 | 5.9 |
| 74932_at   | ubiquitin-conjugating enzyme E2B (RAD6 homolog)                            | UBE2B    | AW002331 | 2.3  | 2.2 | 5.9 |
| 87195_at   |  |          | AA191742 | 0.3  | 2.2 | 5.9 |
| 31816_at   | glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II) | GAA      | X55079   | 5.2  | 1.3 | 5.9 |
| 39801_at   | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3                         | PLOD3    | AF046889 | 5    | 2.1 | 5.9 |
| 1637_at    | mitogen-activated protein kinase-activated protein kinase 3                | MAPKAPK3 | U09578   | 5.8  | 2   | 5.9 |
| 39105_at   | vasodilator-stimulated phosphoprotein                                      | VASP     | Z46389   | 5.7  | 2.6 | 5.9 |
| 34481_at   | vav 1 oncogene   | VAV1     | AF030227 | 4.5  | 5.6 | 5.9 |
| 49003_at   | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10 (22kD, PDSW)         | NDUFB10  | AA195976 | 5.9  | 5.8 | 5.9 |
| 49389_at   |  |          | AI262504 | 4    | 3   | 5.9 |

Figure 13FFF

|            |  |           |  |          |      |      |     |
|------------|--|-----------|--|----------|------|------|-----|
| 45758_at   |  |           |  | AA034095 | 4.6  | 3    | 5.9 |
| 37451_at   |  |           |  | AL109695 | 50.6 | 4.8  | 5.8 |
| 34493_at   | tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain            | TNFRSF10C |  | AF014794 | 0    | 1.1  | 5.8 |
| 41694_at   | BN51 (BHK21) temperature sensitivity complementing   | BN51T     |  | M17754   | 4.3  | 1.6  | 5.8 |
| 990_at     | fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) | FLT1      |  | X51602   | 0.2  | 0.4  | 5.8 |
| 38521_at   | CD22 antigen   | CD22      |  | X59350   | 0.4  | 0.6  | 5.8 |
| 38561_at   | down-regulated in metastasis   |           |  | N58318   | 1.2  | 0.4  | 5.8 |
| 41170_at   | KIAA0663 gene product  |           |  | AB014563 | 5.3  | 2.7  | 5.8 |
| 33300_at   | guanine nucleotide binding protein (G protein), beta polypeptide 1                                       | GNB1      |  | AL031282 | 0    | 1.1  | 5.8 |
| 32172_at   | KIAA0929 protein Msx2 interacting nuclear target (MINT) homolog  |           |  | AL096858 | 0    | 1.2  | 5.8 |
| 40926_at   | solute carrier family 6 (neurotransmitter transporter, creatine), member 8                               | SLC6A8    |  | U36341   | 2.9  | 1    | 5.8 |
| 1867_at    | CASP8 and FADD-like apoptosis regulator  | CFLAR     |  | AF005775 | 54.9 | 24.7 | 5.8 |
| 36061_at   |  |           |  | AF009314 | 0    | 0.5  | 5.8 |
| 41184_s_at | proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional protease 2)                 | PSMB9     |  | X87344   | 2.7  | 6.6  | 5.8 |
| 39993_at   | phosphatidylinositol glycan, class A (paroxysmal nocturnal hemoglobinuria)                               | PIGA      |  | D11466   | 16.9 | 8.5  | 5.8 |
| 36992_at   | thioredoxin  | TXN       |  | A1653621 | 14.2 | 9.8  | 5.8 |
| 46760_r_at |  |           |  | H38110   | 33.5 | 9.1  | 5.8 |
| 55400_at   | major histocompatibility complex, class I, F   | HLA-F     |  | A1732773 | 12.3 | 4.2  | 5.8 |
| 75996_at   |  |           |  | R18374   | 3.9  | 2.8  | 5.8 |
| 57682_at   |  |           |  | AA04273  | 0.3  | 2.9  | 5.8 |
| 57273_s_at | KIAA0477 gene product  |           |  | A1634721 | 27.6 | 11.9 | 5.8 |
| 51275_f_at |  |           |  | A1138886 | 1.7  | 2.7  | 5.8 |
| 79757_at   |  |           |  | A1215674 | 0.1  | 1.5  | 5.8 |
| 52686_at   |  |           |  | A150227  | 0.7  | 0.9  | 5.8 |
| 62851_g_at |  |           |  | AA703170 | 1.4  | 1.4  | 5.8 |
| 48565_at   |  |           |  | AA035377 | 7    | 2.9  | 5.8 |
| 45247_at   | hypothetical protein FLJ11058  |           |  | N63911   | 5.3  | 2.1  | 5.8 |
| 63083_r_at |  |           |  | R63071   | 6.9  | 3.4  | 5.8 |

Figure 13GGG

|            |  |          |          |      |     |     |
|------------|--|----------|----------|------|-----|-----|
| 68133_r_at |  |          | T96363   | 2.1  | 0   | 5.8 |
| 44287_at   |  |          | A1817762 | 1.4  | 2.2 | 5.8 |
| 72244_f_at |  |          | H61057   | 1.5  | 0   | 5.8 |
| 74422_at   |  |          | A1299404 | 1.4  | 0.8 | 5.8 |
| 53209_l_at |  |          | H05961   | 1.3  | 5   | 5.8 |
| 86831_at   |  |          | T91952   | 0.2  | 0.1 | 5.8 |
| 64185_at   |  |          | N24028   | 0.5  | 1.8 | 5.8 |
| 86865_at   |  |          | AA009833 | 0    | 0   | 5.8 |
| 47130_at   |  |          | A1089920 | 0.4  | 2.1 | 5.8 |
| 61298_at   | forkhead box C1  | FOXC1    | AW022802 | 2.8  | 2.3 | 5.8 |
| 50134_at   |  |          | R66534   | 4.8  | 1.5 | 5.8 |
| 42982_at   |  |          | AL119305 | 2.7  | 2.7 | 5.8 |
| 71106_l_at |  |          | AL044906 | 8.5  | 2.3 | 5.8 |
| 50102_at   |  |          | R60655   | 1.8  | 1.6 | 5.8 |
| 42363_r_at | STAT induced STAT inhibitor 3                                |          | A1680350 | 41.7 | 5.3 | 5.8 |
| 44526_at   |  |          | AA191741 | 3.4  | 3   | 5.8 |
| 52714_at   |  |          | AA831034 | 9    | 0.6 | 5.8 |
| 58541_s_at |  |          | AA166624 | 1.7  | 1.6 | 5.8 |
| 69774_at   |  |          | A1024369 | 1.5  | 1.7 | 5.8 |
| 45071_at   |  |          | N69066   | 3.3  | 3.5 | 5.8 |
| 45675_at   | DKFZP434I216 protein   |          | A1671126 | 1.4  | 1.6 | 5.8 |
| 54039_at   |  |          | N99610   | 1.1  | 1.1 | 5.8 |
| 57744_at   | HSPC072 protein  |          | A1572226 | 3.2  | 4   | 5.8 |
| 57396_g_at |  |          | AW007845 | 1.5  | 0   | 5.8 |
| 1411_at    |  |          | D16154   | 0.6  | 0.4 | 5.8 |
| 38926_at   |  |          | AA780435 | 1.7  | 0.6 | 5.8 |
| 66655_at   |  |          | AA913861 | 1.3  | 1.4 | 5.8 |
| 34743_at   | human homolog of Drosophila Scribble                         |          | D63481   | 2.9  | 3.2 | 5.8 |
| 38828_s_at | KH-type splicing regulatory protein (FUSE binding protein 2) | KHSRP    | AA628946 | 5.8  | 2.8 | 5.8 |
| 56546_at   | KIAA1545 protein   |          | H17730   | 4.9  | 5.9 | 5.8 |
| 53881_s_at |  |          | AL044098 | 6.1  | 5.1 | 5.8 |
| 48829_s_at | chromosome 20open reading frame 3                            | C20ORF3  | H09341   | 4.2  | 2.7 | 5.8 |
| 52164_at   | chromosome 11 open reading frame 24                          | C11ORF24 | AA065185 | 5.6  | 2.1 | 5.8 |
| 44693_at   | hypothetical protein FLJ11937                                |          | N36986   | 5.5  | 4.2 | 5.8 |

Figure 13HHH

|            |  |          |          |      |      |     |
|------------|--|----------|----------|------|------|-----|
| 63971_s_at | sirtuin (silent mating type information regulation 2, <i>S. cerevisiae</i> , homolog) 2    | SIRT2    | AI984394 | 3.6  | 2.4  | 5.8 |
| 54152_at   | eukaryotic translation initiation factor 4E binding protein 1                              | EIF4EBP1 | AI026669 | 5.8  | 5.2  | 5.8 |
| 524_at     | postmeiotic segregation increased ( <i>S. cerevisiae</i> ) 1                               | PMS1     | U13695   | 0.9  | 0.7  | 5.7 |
| 39790_at   | ATPase, Ca++ transporting, cardiac muscle, slow twitch 2                                   | ATP2A2   | M23115   | 0.1  | 0.5  | 5.7 |
| 40146_at   | RAP1B, member of RAS oncogene family   | RAP1B    | AL080212 | 9.7  | 4.3  | 5.7 |
| 31921_at   | olfactory receptor, family 2, subfamily F, member 1  | OR2F1    | U56421   | 0    | 2.8  | 5.7 |
| 1184_at    | proteasome (prosome, macropain) activator subunit 2 (PA28 beta)                            | PSME2    | D45248   | 9.3  | 10.3 | 5.7 |
| 32364_at   | sine oculis homeobox ( <i>Drosophila</i> ) homolog 6                                       | SIX6     | AJ011785 | 2    | 0.2  | 5.7 |
| 32850_at   | nucleoporin 153kD  | NUP153   | Z25535   | 1.6  | 2.1  | 5.7 |
| 34172_s_at | DNA segment on chromosome X and Y (unique) 155 expressed sequence                          | DAY155E  | M99578   | 1.2  | 1.4  | 5.7 |
| 33359_at   | KIAA0768 protein   |          | AB018311 | 0.8  | 0.1  | 5.7 |
| 34256_at   | sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 synthase) | SIAT9    | AB018356 | 0    | 7.8  | 5.7 |
| 32405_at   | KIAA0707 protein   |          | AB014607 | 1    | 0    | 5.7 |
| 33684_at   | wingless-type MMTV integration site family, member 2B                                      | WNT2B    | Z71621   | 3.8  | 0    | 5.7 |
| 35166_at   | Down syndrome critical region gene 3   | DSR3     | D87343   | 4.6  | 7.1  | 5.7 |
| 41329_at   | hypothetical protein LOC57147  |          | AI458463 | 7.6  | 8.1  | 5.7 |
| 33515_at   | t complex 10 (a murine tcp homolog)  | TCP10    | U03399   | 0    | 0    | 5.7 |
| 1856_at    | v-rel avian reticuloendotheliosis viral oncogene homolog                                   | REL      | X75042   | 5.6  | 4.1  | 5.7 |
| 36323_at   | gamma-aminobutyric acid (GABA) A receptor, alpha 1   | GABRA1   | X14766   | 1.1  | 0.6  | 5.7 |
| 39199_at   |  |          | W28661   | 0.1  | 0    | 5.7 |
| 36536_at   | schwannomin interacting protein 1  |          | AF070614 | 10.9 | 0.2  | 5.7 |
| 31536_at   | reticulon 4  | RTN4     | AB020693 | 1.5  | 2.6  | 5.7 |
| 36175_s_at | human immunodeficiency virus type 1 enhancer-binding protein 2                             | HIVBP2   | AL023584 | 24.2 | 7    | 5.7 |
| 37248_at   | carboxypeptidase Z   | CPZ      | U83411   | 8    | 0.6  | 5.7 |
| 37687_i_at | Fc fragment of IgG, low affinity IIa, receptor for (CD32)                                  | FCGR2A   | M31932   | 1.8  | 0.6  | 5.7 |
| 752_s_at   | DnaJ (Hsp40) homolog, subfamily B, member 1  | DNAJB1   | D85429   | 0    | 0.1  | 5.7 |
| 41018_at   | DKFZP564O243 protein   |          | AL050015 | 0.7  | 0.8  | 5.7 |
| 722_at     | rcd1 (required for cell differentiation, <i>S. pombe</i> ) homolog 1                       | RQCD1    | D87957   | 1.2  | 0    | 5.7 |
| 42301_at   |  |          | AA444100 | 0.3  | 0.6  | 5.7 |
| 66550_at   |  |          | AA972106 | 0.2  | 0    | 5.7 |

Figure 13III

|            |   |        |  |          |      |      |     |
|------------|---|--------|--|----------|------|------|-----|
| 50879_at   |   |        |  | AI675751 | 0.1  | 1.6  | 5.7 |
| 88979_at   |   |        |  | AI002236 | 8.5  | 0.1  | 5.7 |
| 46944_at   |   |        |  | AI276680 | 0.6  | 1    | 5.7 |
| 54064_i_at |   |        |  | AA903287 | 14   | 5    | 5.7 |
| 60017_at   |   |        |  | AA142842 | 12   | 11.9 | 5.7 |
| 61976_at   |   |        |  | AI792916 | 2    | 1.1  | 5.7 |
| 63256_at   |   |        |  | H00945   | 2.4  | 1.2  | 5.7 |
| 43596_f_at |   |        |  | AI588981 | 0.2  | 1.6  | 5.7 |
| 50950_at   | sin3-associated polypeptide, 18kD   | SAP18  |  | AW006285 | 2.1  | 1.3  | 5.7 |
| 43865_at   |   |        |  | R49396   | 1    | 3.1  | 5.7 |
| 45721_at   | endothelin converting enzyme 1  | ECE1   |  | AL039866 | 12.6 | 4.3  | 5.7 |
| 64552_at   |   |        |  | H04794   | 2.3  | 0.8  | 5.7 |
| 64221_at   |   |        |  | H27234   | 0    | 0    | 5.7 |
| 70428_at   |   |        |  | AI685341 | 10.9 | 2.3  | 5.7 |
| 43384_at   |   |        |  | AW000990 | 0    | 2.6  | 5.7 |
| 56008_at   |   |        |  | AA284288 | 0.3  | 1.7  | 5.7 |
| 54604_at   | hyaluronan synthase 3   | HAS3   |  | AI338972 | 4.2  | 2.9  | 5.7 |
| 48269_at   |   |        |  | AA218544 | 1.3  | 0.8  | 5.7 |
| 60981_at   |   |        |  | AI554853 | 0.9  | 1.7  | 5.7 |
| 56759_at   |   |        |  | AI914936 | 3.7  | 0.4  | 5.7 |
| 48148_r_at |   |        |  | AI168326 | 4.2  | 1.9  | 5.7 |
| 62391_f_at |   |        |  | AA592983 | 0    | 0.3  | 5.7 |
| 51238_at   |   |        |  | AA005354 | 1.2  | 0.7  | 5.7 |
| 51588_at   |   |        |  | 2933319  | 6.4  | 0.2  | 5.7 |
| 39443_s_at | cytochrome c oxidase subunit Vb   | COX5B  |  | M19961   | 4.7  | 2.3  | 5.7 |
| 40120_at   | hydroxyacyl glutathione hydrolase   | HAGH   |  | X90999   | 5.7  | 2.9  | 5.7 |
| 33833_at   | spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)                            | SPTAN1 |  | J05243   | 5.1  | 3.8  | 5.7 |
| 37320_at   | phosphatidylserine synthase 1   | PTDSS1 |  | D14694   | 5.3  | 2.2  | 5.7 |
| 45521_s_at | KIAA0100 gene product   |        |  | AI967955 | 5.4  | 5.5  | 5.7 |
| 65737_r_at |   |        |  | AI701293 | 5    | 2.7  | 5.7 |
| 39542_at   | ectodermal-neural cortex (with BTB-like domain)                               | ENC1   |  | AF059611 | 1.5  | 0.7  | 5.6 |
| 1713_s_at  | cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)           | CDKN2A |  | U26727   | 4.7  | 0    | 5.6 |
| 33010_at   | solute carrier family 5 (neutral amino acid transporters, system A), member 4 | SLC5A4 |  | AL008723 | 0    | 0.4  | 5.6 |

Figure 13JJJ

|            |  |         |  |          |      |     |     |
|------------|--|---------|--|----------|------|-----|-----|
| 40267_s_at | KIAA1036 protein   |         |  | Al880840 | 2.2  | 0   | 5.6 |
| 38183_at   | forkhead box F1  | FOXF1   |  | U13219   | 8.4  | 0.7 | 5.6 |
| 40411_at   | thyroid hormone receptor binding protein   |         |  | D80003   | 2.5  | 1.8 | 5.6 |
| 1448_at    | proteasome (prosome, macropain) subunit, alpha type, 3                           | PSMA3   |  | D00762   | 4.3  | 4   | 5.6 |
| 41237_at   | major histocompatibility complex, class I, A                                     | HLA-A   |  | D32129   | 14.9 | 9.7 | 5.6 |
| 35876_s_at | sphingosine-1-phosphate lyase 1  | SGPL1   |  | Al128825 | 1.5  | 0.4 | 5.6 |
| 1361_at    | telomeric repeat binding factor (NIMA-interacting) 1                             | TERF1   |  | U40705   | 0    | 1   | 5.6 |
| 2047_s_at  | junction plakoglobin   | JUP     |  | M23410   | 0.1  | 1.1 | 5.6 |
| 38882_r_at | estrogen-responsive B box protein  |         |  | AF096870 | 1.7  | 4.1 | 5.6 |
| 35214_at   | UDP-glucose dehydrogenase  | UGDH    |  | AF061016 | 3.7  | 2   | 5.6 |
| 35230_at   | hypothetical protein, clone 24751  |         |  | AF070530 | 17.3 | 5.7 | 5.6 |
| 34371_at   | protein phosphatase 4, regulatory subunit 1                                      | PPP4R1  |  | U79267   | 1.5  | 1.6 | 5.6 |
| 33080_s_at | RAP1, GTPase activating protein 1  | RAP1GA1 |  | AB007943 | 1    | 0.7 | 5.6 |
| 36785_at   | heat shock 27kD protein 1  | HSPB1   |  | Z23090   | 1.2  | 0.7 | 5.6 |
| 37603_at   | interleukin 1 receptor antagonist  | IL1RN   |  | X52015   | 8.9  | 5.9 | 5.6 |
| 40724_at   | zinc finger protein 200  | ZNF200  |  | Y14443   | 2.5  | 0.9 | 5.6 |
| 1022_f at  | interferon, alpha 14   | IFNA14  |  | V00542   | 0.1  | 0   | 5.6 |
| 84981_r_at | collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant) | COL3A1  |  | T54146   | 5.1  | 8.6 | 5.6 |
| 60835_at   |  |         |  | Al831561 | 30.1 | 9   | 5.6 |
| 78605_at   |  |         |  | Al080388 | 9    | 4.4 | 5.6 |
| 61557_at   |  |         |  | Al074020 | 0    | 3.3 | 5.6 |
| 62371_g at | hypothetical protein FLJ13153  |         |  | Al221377 | 6.6  | 2.9 | 5.6 |
| 578_at     | recombination activating gene 2  | RAG2    |  | M94633   | 1.3  | 0.5 | 5.6 |
| 91669_at   |  |         |  | AA491645 | 8.4  | 6.2 | 5.6 |
| 60635_at   | hypothetical protein FLJ23282  |         |  | W61076   | 1.7  | 2.5 | 5.6 |
| 67515_at   |  |         |  | Al479011 | 1.9  | 2.4 | 5.6 |
| 65360_at   |  |         |  | R45940   | 2.3  | 2.2 | 5.6 |
| 86405_at   |  |         |  | Z38166   | 0    | 0.4 | 5.6 |
| 86822_at   |  |         |  | Al621229 | 3.4  | 2.8 | 5.6 |
| 68047_at   |  |         |  | AA936632 | 10.3 | 14  | 5.6 |
| 43620_at   |  |         |  | AA74785  | 3.7  | 2.1 | 5.6 |
| 70814_at   |  |         |  | Al833139 | 0.6  | 1.7 | 5.6 |
| 44097_at   | DKFZP586C1324 protein  |         |  | Al928466 | 0.7  | 1.3 | 5.6 |
| 42848_at   |  |         |  | C20550   | 0.6  | 3   | 5.6 |

Figure 13KKK



|            |  |         |          |      |     |     |
|------------|--|---------|----------|------|-----|-----|
| 32923_r_at | synapsin I   | SYN1    | M58378   | 1.5  | 0.5 | 5.6 |
| 65546_at   |  |         | N78362   | 0    | 3.1 | 5.6 |
| 56228_r_at |  |         | N54910   | 3.2  | 2.1 | 5.6 |
| 72961_i_at |  |         | A1950023 | 1.8  | 1.4 | 5.6 |
| 56028_at   |  |         | A1768884 | 0.8  | 2   | 5.6 |
| 42740_at   |  |         | A1243610 | 1.5  | 1.9 | 5.6 |
| 53655_at   |  |         | A1300574 | 0.6  | 2.1 | 5.6 |
| 57497_at   |  |         | AA419263 | 2    | 1.9 | 5.6 |
| 58944_s_at | ribosomal protein S6 kinase, 52kD, polypeptide 1                               | RP-S6K1 | AA670286 | 30   | 7   | 5.6 |
| 34572_at   | carbonic anhydrase VII   | CA7     | M76424   | 1    | 0.9 | 5.6 |
| 46391_i_at |  |         | A1761712 | 0.2  | 1   | 5.6 |
| 51055_r_at |  |         | AA962343 | 0.7  | 2.6 | 5.6 |
| 53068_at   |  |         | A1738621 | 1.9  | 2.3 | 5.6 |
| 57660_r_at |  |         | R43504   | 4.1  | 3.4 | 5.6 |
| 46103_at   | MEK partner 1  |         | A1335267 | 0.2  | 0.6 | 5.6 |
| 64749_r_at |  |         | AA535979 | 1.8  | 0   | 5.6 |
| 51854_at   | KIAA1128 protein   |         | AA424126 | 14.4 | 6.3 | 5.6 |
| 54355_at   |  |         | A1523391 | 2.5  | 1.2 | 5.6 |
| 32704_at   | dedicator of cyto-kinesis 2  | DOCK2   | D86964   | 6    | 2.6 | 5.6 |
| 34864_at   | hypothetical protein   |         | AF070638 | 4.9  | 0.6 | 5.6 |
| 49390_at   |  |         | AA999858 | 5.6  | 5.6 | 5.6 |
| 51056_at   | hypothetical protein DKFZp434D0412   |         | AW025176 | 3.6  | 3.3 | 5.6 |
| 61291_at   | succinate dehydrogenase complex, subunit A, flavoprotein (Fp)                  | SDHA    | A1348006 | 2.7  | 1.3 | 5.6 |
| 58945_f_at | hypothetical protein FLJ11773  |         | T55569   | 4.5  | 3.3 | 5.6 |
| 47787_at   |  |         | AA045461 | 0    | 1.5 | 5.5 |
| 32460_at   | gamma-aminobutyric acid (GABA) A receptor, beta 2                              | GABRB2  | S67368   | 0    | 0   | 5.5 |
| 39386_at   | gene predicted from cDNA with a complete coding sequence                       |         | D14811   | 4.2  | 1.7 | 5.5 |
| 31812_at   | guanosine monophosphate reductase  | GMPR    | M24470   | 1.1  | 9.3 | 5.5 |
| 31586_f_at | immunoglobulin kappa constant  | IGKC    | X72475   | 0    | 0.9 | 5.5 |
| 162_at     | ubiquitin specific protease 11   | USP11   | U44839   | 2.9  | 2.8 | 5.5 |
| 40582_at   | protein tyrosine phosphatase, receptor type, J                                 | PTPRJ   | A1806482 | 0.4  | 0   | 5.5 |
| 32706_at   | HIR (histone cell cycle regulation defective, <i>S. cerevisiae</i> ) homolog A | HIRA    | X89887   | 0    | 1.6 | 5.5 |
| 33284_at   | myeloperoxidase  | MPO     | M19507   | 1.3  | 0.8 | 5.5 |

Figure 13LLL

|            |   |         |          |      |      |     |
|------------|---|---------|----------|------|------|-----|
| 35903_at   | oligodendrocyte myelin glycoprotein                                   | OMG     | M63623   | 2    | 1.2  | 5.5 |
| 848_at     | TNF receptor-associated factor 1                                      | TRAF1   | U19261   | 33.5 | 9.9  | 5.5 |
| 34749_at   | solute carrier family 31 (copper transporters), member 2              | SLC31A2 | U83461   | 10.5 | 12.9 | 5.5 |
| 32158_at   | RAD9 (S. pombe) homolog   | RAD9    | U53174   | 2.8  | 6.6  | 5.5 |
| 32203_at   | HBV associated factor   |         | AA160708 | 6.8  | 8.2  | 5.5 |
| 40291_r_at | sialyltransferase 4A (beta-galactosidase alpha-2,3 sialyltransferase) | SIAT4A  | L13972   | 1.4  | 0.9  | 5.5 |
| 41575_at   |   |         | AF070571 | 1.7  | 0    | 5.5 |
| 36813_at   | thyroid hormone receptor-interactor 13                                | TRIP13  | U96131   | 0    | 0.3  | 5.5 |
| 37253_at   | phosphatidylinositol-4-phosphate 5-kinase, type I, beta               | PIP5K1B | X92493   | 1.3  | 0    | 5.5 |
| 33136_at   | ubiquitin-conjugating enzyme E21 (homologous to yeast UBC9)           | UBE21   | AL031714 | 0.1  | 0.7  | 5.5 |
| 46780_at   |   |         | AA155208 | 2.3  | 2    | 5.5 |
| 42467_at   |   |         | AA621324 | 0.7  | 1.4  | 5.5 |
| 66521_at   |   |         | AA912180 | 2.3  | 1.5  | 5.5 |
| 91081_at   |   |         | AI131053 | 0.9  | 0.6  | 5.5 |
| 80444_at   |   |         | AI796514 | 2.4  | 0    | 5.5 |
| 43378_at   |   |         | AI989733 | 2.3  | 3    | 5.5 |
| 82122_at   |   |         | AI435504 | 1.4  | 1.4  | 5.5 |
| 42813_at   |   |         | AL043172 | 0.7  | 4    | 5.5 |
| 50608_r_at | putative brain nuclearly-targeted protein                             |         | AI792919 | 4.7  | 1.3  | 5.5 |
| 73621_at   | cytochrome c oxidase subunit Va                                       | COX5A   | AI857509 | 1.2  | 0.1  | 5.5 |
| 59022_at   | DKFZP566F2124 protein   |         | AA133355 | 1.3  | 0.7  | 5.5 |
| 87820_at   |   |         | AA287372 | 1.1  | 1.5  | 5.5 |
| 43793_at   |   |         | AA262084 | 6.6  | 2.9  | 5.5 |
| 48655_r_at |   |         | AA992185 | 4.1  | 2.4  | 5.5 |
| 44092_at   |   |         | AI862887 | 21.3 | 17.7 | 5.5 |
| 53256_at   |   |         | N34402   | 1.6  | 2.2  | 5.5 |
| 50125_r_at |   |         | AI307778 | 1.7  | 1.8  | 5.5 |
| 67369_at   |   |         | AA828830 | 0.1  | 0.4  | 5.5 |
| 66084_at   |   |         | T81819   | 0    | 8.9  | 5.5 |
| 45769_g_at |   |         | AI857594 | 3.4  | 3.2  | 5.5 |
| 44066_s_at | G protein-coupled receptor kinase-interactor 1                        | GIT1    | AI887641 | 4.8  | 2.8  | 5.5 |
| 60174_at   |   |         | N36861   | 4.7  | 2.1  | 5.5 |
| 45055_at   |   |         | AA461205 | 7.8  | 5    | 5.5 |

Figure 13MM

|            |   |         |          |      |     |     |
|------------|---|---------|----------|------|-----|-----|
| 47375_at   | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 1 (GalNAc-T1)   | GALNT1  | AA019836 | 0.6  | 0.8 | 5.5 |
| 51113_at   | retinoic acid receptor responder (tazarotene induced) 1   | RARRES1 | AW021000 | 0.2  | 0.5 | 5.5 |
| 62941_r_at | v-ets avian erythroblastosis virus E26 oncogene homolog 2   | ETS2    | AI669229 | 6.2  | 4   | 5.5 |
| 50104_at   | hypothetical protein FLJ23033   |         | AI870399 | 0    | 0   | 5.5 |
| 48315_at   |   |         | AA286940 | 4.2  | 4.9 | 5.5 |
| 57808_at   |   |         | AI653719 | 3.4  | 2.9 | 5.5 |
| 58336_at   | Sec23-interacting protein p125  |         | AA405686 | 2.4  | 2.4 | 5.5 |
| 43665_r_at |   |         | AI332962 | 2.7  | 3.7 | 5.5 |
| 32007_at   |   |         | W29045   | 5.4  | 0.5 | 5.5 |
| 62328_at   |   |         | T92565   | 0    | 0   | 5.5 |
| 45751_g_at |   |         | AA528592 | 2.6  | 1.2 | 5.5 |
| 32218_at   | dynein, cytoplasmic, intermediate polypeptide 2   | DNCL2   | AF034176 | 8.1  | 8.1 | 5.5 |
| 35787_at   |   |         | AI986201 | 1.3  | 1.4 | 5.5 |
| 44078_at   |   |         | W95017   | 4.1  | 5.1 | 5.5 |
| 51628_at   | KIAA0876 protein  |         | AA009692 | 2.8  | 2.6 | 5.5 |
| 58501_at   |   |         | AA524529 | 2.9  | 2.7 | 5.5 |
| 44080_at   | succinate-CoA ligase, GDP-forming, alpha subunit  | SUCLG1  | W68180   | 6.3  | 5.2 | 5.5 |
| 46247_at   |   |         | AA826261 | 4.1  | 3.3 | 5.5 |
| 47083_at   | chloride channel, nucleotide-sensitive, 1A  | CLNS1A  | AI280108 | 5    | 4.9 | 5.5 |
| 56224_at   | ATPase, Class V, type 10B   | ATP10B  | N32865   | 2.2  | 1.4 | 5.5 |
| 37415_at   | protease inhibitor 3, skin-derived (SKALP)  | PI3     | AB018258 | 0.3  | 0   | 5.4 |
| 41469_at   | thyroid hormone receptor, beta (avian erythroblastic leukemia viral (v-erb-a) oncogene homolog 2) | THRB    | L10343   | 12.9 | 0.4 | 5.4 |
| 2048_s_at  | glyceronephosphate O-acyltransferase  | GNPAT   | M26747   | 1.6  | 0.4 | 5.4 |
| 39392_at   | reticulocalbin 1, EF-hand calcium binding domain  | RCN1    | AJ002190 | 0.5  | 0   | 5.4 |
| 41690_at   | ubiquitin carrier protein   |         | AI049471 | 10.7 | 3.2 | 5.4 |
| 40556_at   | nuclear RNA helicase, DECD variant of DEAD box family   |         | D42073   | 14.7 | 9.7 | 5.4 |
| 894_g_at   | vesicle-associated membrane protein 1 (synaptobrevin 1)   | VAMP1   | M91670   | 5.9  | 7.8 | 5.4 |
| 149_at     | seven in absentia (Drosophila) homolog 2  | SIAH2   | U90426   | 1.4  | 1.3 | 5.4 |
| 33779_at   |   |         | AF060538 | 3.4  | 0.1 | 5.4 |
| 33799_at   | hydroxysteroid (17-beta) dehydrogenase 3  | HSD17B3 | U76248   | 7.7  | 3.6 | 5.4 |
| 40819_at   | KIAA0136 protein  |         | AA161065 | 1.1  | 1.1 | 5.4 |
| 39978_at   |   |         | U05659   | 2.3  | 1.7 | 5.4 |
| 36845_at   |   |         | D50926   | 7.2  | 5.1 | 5.4 |

Figure 13NNN

|            |  |          |          |      |     |     |
|------------|--|----------|----------|------|-----|-----|
| 1316_at    | thyroid hormone receptor, alpha (avian erythroblastic leukemia | THRA     | X55005   | 1.3  | 1.3 | 5.4 |
| 36925_at   | viral (v-erb-a) oncogene homolog                               |          |          |      |     |     |
| 1231_at    | heat shock 70kD protein 2                                      | HSPA2    | L26336   | 0    | 0.2 | 5.4 |
| 1231_at    | ubiquitin-conjugating enzyme E2B (RAD6 homolog)                | UBE2B    | M74525   | 0.8  | 1   | 5.4 |
| 38300_at   | frizzled (Drosophila) homolog 1                                | FZD1     | AB017363 | 0.1  | 0   | 5.4 |
| 34041_at   | small inducible cytokine subfamily A (Cys-Cys), member 22      | SCYA22   | U83171   | 6.9  | 5   | 5.4 |
| 46788_at   |  |          | A1632740 | 4.2  | 0.1 | 5.4 |
| 56531_at   | chromosome 11 open reading frame 15                            | C11ORF15 | A188389  | 0.8  | 1.4 | 5.4 |
| 66625_at   |  |          | AA890177 | 2    | 0   | 5.4 |
| 62393_at   |  |          | A1277415 | 1.7  | 1.2 | 5.4 |
| 62425_at   |  |          | AA921956 | 1.3  | 1.8 | 5.4 |
| 42761_at   |  |          | W45259   | 1.1  | 1.3 | 5.4 |
| 91727_at   |  |          | A1651474 | 1.5  | 0.4 | 5.4 |
| 82746_r_at |  |          | A1743571 | 1.9  | 1.2 | 5.4 |
| 78200_at   | glucose phosphate isomerase                                    | GPI      | A1248811 | 2.8  | 0.6 | 5.4 |
| 65510_f_at |  |          | AA034458 | 0.4  | 0.4 | 5.4 |
| 59814_at   |  |          | AA628524 | 1.2  | 2.9 | 5.4 |
| 56391_at   | ribosomal protein S11  | RPS11    | AA603467 | 2.9  | 1.9 | 5.4 |
| 54860_at   |  |          | A1797678 | 2.3  | 2.4 | 5.4 |
| 45507_f_at | adaptor-related protein complex 1, mu 2 subunit                | AP1M2    | W92449   | 1    | 1.1 | 5.4 |
| 87801_at   |  |          | AA604144 | 4.1  | 2.4 | 5.4 |
| 43177_at   |  |          | A1732470 | 0.3  | 0.1 | 5.4 |
| 88280_r_at |  |          | AA703174 | 3.7  | 0.9 | 5.4 |
| 69345_at   |  |          | N95633   | 2.2  | 0   | 5.4 |
| 71549_r_at |  |          | AA699538 | 3.6  | 2.2 | 5.4 |
| 52384_s_at |  |          | A1984780 | 15.6 | 1.9 | 5.4 |
| 50266_at   |  |          | A1741178 | 7.7  | 6.5 | 5.4 |
| 49302_at   | HBV associated factor  |          | A1971817 | 13.9 | 9.1 | 5.4 |
| 64183_r_at |  |          | R55749   | 1.1  | 1.2 | 5.4 |
| 85971_at   |  |          | N54973   | 1.7  | 3.2 | 5.4 |
| 42804_at   |  |          | W86160   | 3.7  | 5.1 | 5.4 |
| 56845_at   | Ras homolog enriched in brain 2                                | RHEB2    | AA056145 | 0    | 2.3 | 5.4 |
| 44951_r_at |  |          | A1732184 | 2    | 2.7 | 5.4 |
| 44393_at   | hypothetical protein   |          | AA604681 | 1.6  | 1.4 | 5.4 |
| 44572_g_at |  |          | A1765278 | 1.1  | 1.4 | 5.4 |

Figure 13000

|            |  |         |  |          |     |     |     |
|------------|--|---------|--|----------|-----|-----|-----|
| 50952_at   |  |         |  | N70394   | 2.5 | 0.9 | 5.4 |
| 61128_at   |  |         |  | A1338787 | 1.5 | 3.5 | 5.4 |
| 45787_at   | cyclin L ania-6a   |         |  | N29695   | 5   | 2.3 | 5.4 |
| 36707_s_at | serine/threonine kinase 9  | STK9    |  | X89059   | 1.8 | 2.3 | 5.4 |
| 41895_at   |  |         |  | W93764   | 0.9 | 1.5 | 5.4 |
| 48859_f.at | HMP19 protein  |         |  | A1968989 | 2.2 | 0.6 | 5.4 |
| 46042_at   |  |         |  | N98235   | 3.7 | 4   | 5.4 |
| 52731_at   | hypothetical protein FLJ20294                                      |         |  | A1359466 | 1.5 | 2.3 | 5.4 |
| 56755_at   |  |         |  | A1802568 | 1.1 | 0.5 | 5.4 |
| 41976_at   |  |         |  | T11500   | 1.8 | 3   | 5.4 |
| 53032_at   |  |         |  | 3145395  | 1.3 | 1.7 | 5.4 |
| 82137_f.at |  |         |  | AA876935 | 2   | 1.5 | 5.4 |
| 91067_i.at |  |         |  | A1681736 | 0.5 | 0.2 | 5.4 |
| 39738_at   | myosin, heavy polypeptide 9, non-muscle                            | MYH9    |  | Z82215   | 0.5 | 1.5 | 5.4 |
| 39774_at   | oxidase (cytochrome c) assembly 1-like                             | OXA1L   |  | X80695   | 3.2 | 3.1 | 5.4 |
| 56351_at   |  |         |  | A1436023 | 2.5 | 2.5 | 5.4 |
| 51089_at   | KIAA1140 protein   |         |  | AL042799 | 6.5 | 4.5 | 5.4 |
| 53848_at   |  |         |  | A1422099 | 4.2 | 3.7 | 5.4 |
| 57079_at   |  |         |  | AA503073 | 3.1 | 3   | 5.4 |
| 54912_at   | translocase of inner mitochondrial membrane 13 (yeast) homolog B   | TIMM13B |  | AL035821 | 5.2 | 3.4 | 5.4 |
| 64901_at   | ADP-ribosylation factor-like 1                                     | ARL1    |  | A1357567 | 6.1 | 3.4 | 5.4 |
| 65603_at   | baculoviral IAP repeat-containing 6                                | BIRC6   |  | AA886981 | 5.1 | 2.9 | 5.4 |
| 35109_at   | KIAA0756 protein   |         |  | AB018299 | 0   | 0.4 | 5.3 |
| 37503_at   | KIAA0984 protein   |         |  | AB023201 | 1.7 | 1.1 | 5.3 |
| 31731_at   | chromobox homolog 4 (Drosophila Pc class)                          | CBX4    |  | AF013956 | 2.5 | 0   | 5.3 |
| 40156_at   | KIAA0040 gene product  |         |  | Z99715   | 1.6 | 2.7 | 5.3 |
| 32641_at   | androgen-induced prostate proliferative shutoff associated protein |         |  | AB023196 | 2.2 | 2.9 | 5.3 |
| 148_at     | ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR                   |         |  | U88629   | 6.4 | 1.4 | 5.3 |
| 33652_at   | a disintegrin and metalloproteinase domain 20                      | ADAM20  |  | AF029899 | 1.7 | 0.9 | 5.3 |
| 34178_at   | zinc finger protein 297  | ZNF297  |  | A1884738 | 6   | 3.4 | 5.3 |
| 41559_at   |  |         |  | AA434319 | 7.1 | 2   | 5.3 |
| 33896_at   | E1A binding protein p300   | EP300   |  | U01877   | 0.9 | 0   | 5.3 |
| 38757_at   | PDGFA associated protein 1   | PDAP1   |  | U41745   | 2.9 | 1.8 | 5.3 |

Figure 13PPP

|            |   |         |          |      |     |     |
|------------|---|---------|----------|------|-----|-----|
| 35227_at   | retinoblastoma-binding protein 8                    | RBBP8   | U72066   | 5.1  | 0.9 | 5.3 |
| 1990_g_at  | breast cancer 2, early onset                        | BRCA2   | U43746   | 2.7  | 1.5 | 5.3 |
| 40332_at   | 7-60 protein  |         | AF109134 | 4.3  | 4.2 | 5.3 |
| 37732_at   | RING1 and YY1 binding protein                       | RYBP    | AL049940 | 15.1 | 4.6 | 5.3 |
| 1505_at    | thymidylate synthetase                              | TYMS    | D00596   | 1.1  | 1.5 | 5.3 |
| 66170_at   |   |         | A1732337 | 1.5  | 1   | 5.3 |
| 76032_at   |   |         | A1370844 | 0.7  | 1.3 | 5.3 |
| 76206_at   |   |         | AA731738 | 1.6  | 0.9 | 5.3 |
| 66402_at   |   |         | AA748556 | 0    | 1.2 | 5.3 |
| 66899_at   |   |         | AA733062 | 3.2  | 0.8 | 5.3 |
| 51079_at   | ATP-binding cassette, sub-family A (ABC1), member 7 | ABCA7   | A1668632 | 1.7  | 0.8 | 5.3 |
| 59166_at   |   |         | A1091214 | 4    | 0.6 | 5.3 |
| 58530_r_at |   |         | T66185   | 3.4  | 2.5 | 5.3 |
| 61829_at   |   |         | AA007461 | 2    | 1.1 | 5.3 |
| 47513_at   |   |         | AA679424 | 6    | 4.2 | 5.3 |
| 82053_at   |   |         | A1471845 | 2.6  | 0   | 5.3 |
| 92147_at   |   |         | N92830   | 1.2  | 0.4 | 5.3 |
| 60039_at   |   |         | A1967991 | 1.2  | 0.7 | 5.3 |
| 49292_s_at | ras responsive element binding protein 1            | RREB1   | A1097330 | 0    | 0.1 | 5.3 |
| 189_s_at   | plasminogen activator, urokinase receptor           | PLAUR   | U09937   | 18.8 | 3.3 | 5.3 |
| 86470_at   |   |         | AA884313 | 0.1  | 0   | 5.3 |
| 88607_at   |   |         | A1660692 | 0.9  | 0.2 | 5.3 |
| 64001_s_at | seven in absentia (Drosophila) homolog 2            | SIAH2   | AW008929 | 11.6 | 4.2 | 5.3 |
| 69842_f_at |   |         | A1766478 | 2    | 0.7 | 5.3 |
| 89412_at   |   |         | A1804386 | 8.3  | 3.5 | 5.3 |
| 70151_at   |   |         | A1805522 | 9.8  | 6.3 | 5.3 |
| 59671_at   |   |         | A1798769 | 0    | 1.5 | 5.3 |
| 72686_at   |   |         | A1093728 | 2    | 0.3 | 5.3 |
| 74218_at   |   |         | A1990680 | 0.6  | 1.5 | 5.3 |
| 66144_at   |   |         | AA872556 | 1.1  | 1.2 | 5.3 |
| 60527_at   | Rho GTPase activating protein 5                     | ARHGAP5 | A1768264 | 3.2  | 3.1 | 5.3 |
| 89121_at   |   |         | A1740879 | 0    | 4.3 | 5.3 |
| 71848_at   |   |         | N74103   | 2.3  | 2.1 | 5.3 |
| 45159_f_at |   |         | H71807   | 0.3  | 0.4 | 5.3 |
| 49097_at   | dimethylarginine dimethylaminohydrolase 1           | DDAH1   | A1309320 | 2.1  | 2.1 | 5.3 |

Figure 13QQQ

|            |   |         |          |      |     |     |
|------------|---|---------|----------|------|-----|-----|
| 89856_at   | CD83 antigen (activated B lymphocytes, immunoglobulin superfamily)  | CD83    | A1983994 | 7.3  | 7.3 | 5.3 |
| 59068_r_at |   |         |          |      |     |     |
| 55379_at   |   |         | A1743307 | 2    | 0.9 | 5.3 |
| 48313_at   |   |         | A1146322 | 1.9  | 1.4 | 5.3 |
| 91678_at   | CGI-14 protein  |         | A1565705 | 0    | 0   | 5.3 |
| 55474_at   |   |         | A1814761 | 3.3  | 2.6 | 5.3 |
| 48749_at   |   |         | R32893   | 0.2  | 0.4 | 5.3 |
| 58827_at   |   |         | D11630   | 2    | 5.7 | 5.3 |
| 54519_r_at |   |         | A1992368 | 3.8  | 4.2 | 5.3 |
| 31502_at   |   |         | AA976211 | 2.4  | 2.5 | 5.3 |
| 31668_f_at |   |         | W27953   | 3.5  | 2.1 | 5.3 |
| 49956_at   |   |         | W28193   | 0.8  | 0.1 | 5.3 |
| 60073_f_at |   |         | A1080164 | 1.7  | 0.7 | 5.3 |
| 51045_r_at |   |         | AA525753 | 2.1  | 0.9 | 5.3 |
| 86188_f_at |   |         | AA743794 | 0.3  | 2.9 | 5.3 |
| 32116_at   | expressed in activated T/LAK lymphocytes                            |         | A1733033 | 0.6  | 0.6 | 5.3 |
| 40824_at   | RAN binding protein 16  | RANBP16 | AB002405 | 4.3  | 1.1 | 5.3 |
| 38671_at   | KIAA0620 protein  |         | AB018288 | 4.8  | 2.5 | 5.3 |
| 40365_at   | guanine nucleotide binding protein (G protein), alpha 15 (Gq class) | GNA15   | AB014520 | 4.1  | 4.3 | 5.3 |
| 37002_at   | biliverdin reductase B (flavin reductase (NADPH))                   | BLVRB   | M63904   | 0.3  | 1.5 | 5.3 |
| 43824_at   |   |         | D32143   | 5.2  | 3.8 | 5.3 |
| 57152_at   | WAS protein family, member 2  | WASF2   | A1952129 | 4.6  | 2.5 | 5.3 |
| 65501_s_at |   |         | W72145   | 2    | 0.4 | 5.3 |
| 52012_at   |   |         | A1810687 | 4.9  | 2.7 | 5.3 |
| 35066_g_at | fetal hypothetical protein  |         | A1659020 | 5.2  | 3.5 | 5.3 |
| 41692_at   | synaptotagmin 1   |         | U84971   | 0.7  | 1.5 | 5.2 |
| 39428_at   | lymphocyte adaptor protein  | SYNJ1   | AB020717 | 0    | 0   | 5.2 |
| 33071_at   | H2A histone family, member D  | H2AFD   | AF055581 | 0.4  | 0.3 | 5.2 |
| 31786_at   | Sam68-like phosphotyrosine protein, T-STAR                          |         | Z98744   | 2.4  | 2.6 | 5.2 |
| 31808_at   | inhibitor of growth family, member 3                                | ING3    | AF051321 | 3.7  | 2.4 | 5.2 |
| 612_s_at   | 2',3'-cyclic nucleotide 3' phosphodiesterase                        | CNP     | AC004537 | 1.1  | 0.2 | 5.2 |
| 40137_at   | protein tyrosine phosphatase, non-receptor type 1                   | PTPN1   | M19650   | 8.3  | 3.9 | 5.2 |
| 41185_f_at | SMT3 (suppressor of mif two 3, yeast) homolog 2                     | SMT3H2  | M31724   | 12.9 | 5.3 | 5.2 |
|            |   |         | A1971724 | 3.4  | 2.7 | 5.2 |

Figure 13RRR

|            |  |         |  |          |      |      |     |
|------------|--|---------|--|----------|------|------|-----|
| 33373_at   |  |         |  | AL049951 | 0.6  | 0.8  | 5.2 |
| 33418_at   | RAB3 GTPase-ACTIVATING PROTEIN   |         |  | AL096752 | 5.6  | 7.2  | 5.2 |
| 38632_at   | DnaJ (Hsp40) homolog, subfamily B, member 5  | DNAJB5  |  | AF089982 | 2.7  | 0.4  | 5.2 |
| 33817_at   | heterogeneous nuclear protein similar to rat helix destabilizing protein   |         |  | S63912   | 0    | 0.3  | 5.2 |
| 39274_at   | nucleoporin 62kD   | NUP62   |  | X58521   | 8.9  | 2.5  | 5.2 |
| 35950_at   | synovial sarcoma, X breakpoint 4   | SSX4    |  | U90841   | 0    | 1.1  | 5.2 |
| 34145_at   | toll-like receptor 6   |         |  | A1184710 | 2.1  | 0.5  | 5.2 |
| 34943_at   |  |         |  | AF063564 | 1.2  | 1.5  | 5.2 |
| 34560_at   | S100 calcium-binding protein A5  | S100A5  |  | Z18954   | 1.6  | 0.7  | 5.2 |
| 35719_at   | KIAA0606 protein; SCN Circadian Oscillatory Protein (SCOP)   |         |  | AB011178 | 1    | 0    | 5.2 |
| 40362_at   | nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)  | NFKB2   |  | X61498   | 29   | 11.4 | 5.2 |
| 37015_at   | aldehyde dehydrogenase 1, soluble  | ALDH1   |  | K03000   | 1.8  | 3    | 5.2 |
| 1402_at    | v.yes.1 Yamaguchi sarcoma viral related oncogene homolog   | LYN     |  | M16038   | 10.4 | 7.2  | 5.2 |
| 38478_at   | splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot, Drosophila homolog)                                      | SFRS8   |  | U08377   | 2    | 0.9  | 5.2 |
| 37974_at   | male-specific lethal-3 (Drosophila)-like 1   | MSL3L1  |  | AL050178 | 0    | 1.4  | 5.2 |
| 1578_g_at  | androgen receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease) | AR      |  | M23263   | 2.8  | 1.5  | 5.2 |
| 55757_at   |  |         |  | W72265   | 2.5  | 2.2  | 5.2 |
| 57997_at   |  |         |  | R37682   | 2.2  | 0.3  | 5.2 |
| 58010_at   |  |         |  | R27299   | 0    | 0.8  | 5.2 |
| 48048_at   | solute carrier family 34 (sodium phosphate), member 2  | SLC34A2 |  | A1587292 | 0.4  | 2.2  | 5.2 |
| 89821_at   |  |         |  | A1656531 | 0.7  | 0    | 5.2 |
| 76458_s_at |  |         |  | A1023195 | 1.9  | 0.9  | 5.2 |
| 58115_at   |  |         |  | AA806110 | 0.6  | 0.5  | 5.2 |
| 58287_at   |  |         |  | AA872454 | 1    | 2.1  | 5.2 |
| 77328_at   |  |         |  | A1223339 | 0    | 0.7  | 5.2 |
| 90623_at   |  |         |  | A1655380 | 1.2  | 6.2  | 5.2 |
| 65434_at   |  |         |  | N73778   | 3.9  | 1    | 5.2 |
| 80861_at   |  |         |  | AA424811 | 0.7  | 0    | 5.2 |
| 59756_at   |  |         |  | A1089319 | 1.7  | 1.4  | 5.2 |
| 43098_at   |  |         |  | AA034493 | 0.1  | 1.6  | 5.2 |

Figure 13SSS



|            |   |          |      |     |     |
|------------|---|----------|------|-----|-----|
| 48164_at   |   | T72557   | 5.1  | 4.1 | 5.2 |
| 68187_at   |   | AA632138 | 0    | 0   | 5.2 |
| 50275_at   | hypothetical protein                        | AL043154 | 1.7  | 2.5 | 5.2 |
| 44233_i.at |   | D61961   | 0.3  | 2.5 | 5.2 |
| 49132_at   |   | A1458975 | 6.5  | 0.6 | 5.2 |
| 51121_at   |   | R45590   | 8.8  | 4.6 | 5.2 |
| 43785_l.at |   | Z39990   | 1.6  | 1.8 | 5.2 |
| 50069_at   |   | A1090586 | 2.3  | 3.6 | 5.2 |
| 45449_at   |   | R40373   | 2.4  | 2.7 | 5.2 |
| 75734_f.at |   | A1239473 | 3.1  | 1.5 | 5.2 |
| 59175_l.at |   | AA700040 | 2.1  | 2.2 | 5.2 |
| 71554_at   |   | H64589   | 9.2  | 3.8 | 5.2 |
| 46929_at   |   | N70317   | 0    | 0   | 5.2 |
| 65553_at   | CGI-19 protein                              | W07150   | 3.3  | 0.6 | 5.2 |
| 60676_at   |   | A1093876 | 2.5  | 3.8 | 5.2 |
| 44908_at   |   | H38046   | 2.2  | 1.1 | 5.2 |
| 56200_at   |   | A1363050 | 1.4  | 1.4 | 5.2 |
| 50392_at   |   | A1792455 | 1.4  | 1.5 | 5.2 |
| 50930_at   |   | A1796010 | 0    | 0   | 5.2 |
| 47425_at   | pancreatitis-associated protein             | AI621017 | 2.7  | 2.3 | 5.2 |
| 44507_l.at |   | N26892   | 1.5  | 1.1 | 5.2 |
| 53661_at   |   | AL038450 | 16.2 | 5   | 5.2 |
| 46005_at   |   | N81145   | 3    | 1.9 | 5.2 |
| 50147_s.at | methionine adenosyltransferase II, beta     | AI344107 | 2.1  | 1   | 5.2 |
| 46580_at   | KIAA1305 protein                            | AA411382 | 2.7  | 0.8 | 5.2 |
| 43478_at   | hypothetical protein FLJ20373               | AW021103 | 17.4 | 0.6 | 5.2 |
| 50186_s.at |   | AA143060 | 0.7  | 1.2 | 5.2 |
| 44058_at   |   | W60953   | 3.9  | 2   | 5.2 |
| 54969_at   |   | A1829724 | 0    | 0.9 | 5.2 |
| 40651_s.at | corticotropin releasing hormone receptor 1  | AF039523 | 2    | 0.5 | 5.2 |
| 42193_r.at |   | AA434246 | 0.4  | 0.2 | 5.2 |
| 48354_at   |   | A1929033 | 3.4  | 2.6 | 5.2 |
| 32658_at   | ring finger protein 1                       | AL031228 | 2.8  | 1.9 | 5.2 |
| 2035_s.at  | MYC promoter-binding protein 1              | MPB1     | 0    | 0   | 5.2 |
| 41540_at   | protein phosphatase 1, regulatory subunit 7 | PPI1R7   | 5.2  | 2.9 | 5.2 |

Figure 13TTT

|            |  |  |               |          |      |      |     |
|------------|--|--|---------------|----------|------|------|-----|
| 53708_at   | cation-chloride cotransporter-interacting protein                          |  |               | Al467928 | 6.1  | 5.6  | 5.2 |
| 56575_at   | CGI-108 protein  |  |               | AW025521 | 3.8  | 1.8  | 5.2 |
| 81045_at   | zinc finger protein 24 (KOX 17)  |  | ZNF24         | AA134771 | 2.4  | 2.7  | 5.2 |
| 59136_at   |  |  |               | AA779895 | 5.2  | 5.1  | 5.2 |
| 45255_at   | CGI-69 protein   |  |               | AI354351 | 5    | 3.5  | 5.2 |
| 45808_at   | anaphase-promoting complex subunit 7                                       |  |               | AA131793 | 5    | 2.4  | 5.2 |
| 55567_at   |  |  |               | AA147933 | 5.3  | 5.3  | 5.2 |
| 41388_at   | Meis (mouse) homolog 2   |  | MEIS2         | AF017418 | 1.3  | 0    | 5.1 |
| 34467_g_at | 5-hydroxytryptamine (serotonin) receptor 4                                 |  | HTR4          | Y12505   | 0.6  | 0.4  | 5.1 |
| 39419_at   | sperm associated antigen 9   |  | SPAG9         | AB011088 | 4    | 1.6  | 5.1 |
| 40187_at   |  |  |               | AW016815 | 0.7  | 1.4  | 5.1 |
| 31832_at   | KIAA0286 protein   |  |               | AB006624 | 41.3 | 5    | 5.1 |
| 40067_at   | E74-like factor 1 (ets domain transcription factor)                        |  | ELF1          | M82882   | 0.5  | 0.5  | 5.1 |
| 38181_at   | matrix metalloproteinase 11 (stromelysin 3)                                |  | MMP11         | X57766   | 2    | 0.1  | 5.1 |
| 40468_at   | KIAA0554 protein   |  |               | AB011126 | 8.3  | 9    | 5.1 |
| 38512_r_at | ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C) |  | ELAVL3        | D26158   | 4    | 1.5  | 5.1 |
| 35459_at   | regulator of G-protein signalling 13                                       |  | RGS13         | AF030107 | 0.5  | 0    | 5.1 |
| 32165_at   | splicing factor, arginine/serine-rich 7 (35kD)                             |  | SFRS7         | L41887   | 0    | 1.2  | 5.1 |
| 32010_at   | hypothetical protein   |  |               | Z82180   | 0    | 0.9  | 5.1 |
| 33447_at   | myosin, light polypeptide, regulatory, non-sarcomeric (20kD)               |  |               | X54304   | 1.5  | 2.7  | 5.1 |
| 32980_t_at | H2B histone family, member L   |  | H2BFL         | AI688098 | 1.5  | 0.7  | 5.1 |
| 282_at     | M-phase phosphoprotein 1   |  | MPHOSPH1      | L16782   | 0.7  | 0    | 5.1 |
| 33924_at   | KIAA1091 protein   |  |               | AB029014 | 24.9 | 10.8 | 5.1 |
| 31386_at   | immunoglobulin kappa variable 1/OR15.118                                   |  | IGKV1OR15.118 | M20812   | 1.1  | 0    | 5.1 |
| 32271_at   | FOS-like antigen-1   |  | FOSL1         | X16707   | 0    | 0    | 5.1 |
| 33842_at   | Fanconi anemia, complementation group G                                    |  | FANCG         | AC004472 | 0    | 0    | 5.1 |
| 36818_at   |  |  |               | AF052100 | 1.7  | 0.2  | 5.1 |
| 36937_s_at | PDZ and LIM domain 1 (elfin)   |  | PDLIM1        | U90878   | 1.6  | 0.1  | 5.1 |
| 38114_at   | RAD21 (S. pombe) homolog   |  | RAD21         | D38551   | 7.4  | 5.2  | 5.1 |
| 37976_at   | Ig superfamily protein   |  |               | AL034397 | 0.7  | 0.5  | 5.1 |
| 41028_at   | ryanodine receptor 3   |  | RYR3          | AJ001515 | 0.5  | 0.1  | 5.1 |
| 43459_at   | KIAA0680 gene product  |  |               | A1472209 | 0    | 5.3  | 5.1 |
| 48034_at   | eukaryotic translation initiation factor 2-alpha kinase 3                  |  | EIF2AK3       | AA534710 | 3.4  | 2.6  | 5.1 |
| 42326_at   |  |  |               | AW003808 | 2.7  | 0.7  | 5.1 |

Figure 13UUU

|            |  |      |          |      |     |     |
|------------|--|------|----------|------|-----|-----|
| 42496_at   |  |      | AA608964 | 0.7  | 0.6 | 5.1 |
| 45502_at   |  |      | AI990713 | 1.3  | 1.5 | 5.1 |
| 55226_at   | zinc-binding protein Rbcc728                         |      | D59325   | 2.5  | 1.4 | 5.1 |
| 51211_at   |  |      | AA700460 | 0.4  | 2.4 | 5.1 |
| 58246_at   | hypothetical protein FLJ12903                        |      | AI807668 | 5.4  | 2.5 | 5.1 |
| 80689_at   |  |      | AA922110 | 4    | 4.2 | 5.1 |
| 42624_at   |  |      | H19417   | 1.9  | 3.5 | 5.1 |
| 47905_at   |  |      | AI889332 | 2.6  | 2.2 | 5.1 |
| 83568_at   |  |      | R06436   | 1.3  | 0.6 | 5.1 |
| 47670_at   |  |      | NG7792   | 1.1  | 1.1 | 5.1 |
| 65735_at   | HSPC030 protein                                      |      | AA203505 | 8.5  | 2.4 | 5.1 |
| 68450_r_at |  |      | AI659354 | 1.4  | 0.1 | 5.1 |
| 69778_at   |  |      | AI972712 | 0    | 0.7 | 5.1 |
| 70405_at   |  |      | AI804384 | 5.5  | 2.6 | 5.1 |
| 72307_at   |  |      | N24412   | 0.9  | 1.7 | 5.1 |
| 73237_at   |  |      | AI222957 | 3.5  | 0.8 | 5.1 |
| 52607_at   | KIAA1105 protein                                     |      | AW003305 | 1.4  | 2.5 | 5.1 |
| 51796_at   | nuclear pore complex protein                         |      | AA521256 | 0.8  | 1.2 | 5.1 |
| 43489_at   | hairy/enhancer of split related with YRPW motif-like | HEYL | AL040197 | 4.4  | 3.2 | 5.1 |
| 43863_l_at |  |      | AI863402 | 8.1  | 1.2 | 5.1 |
| 43868_at   |  |      | R49368   | 1.6  | 2.2 | 5.1 |
| 45447_at   |  |      | R54026   | 4.2  | 4.4 | 5.1 |
| 51054_r_at | hypothetical protein FLJ10737                        |      | W87554   | 0.1  | 0.2 | 5.1 |
| 42937_at   |  |      | H45282   | 2.5  | 1.9 | 5.1 |
| 59792_l_at |  |      | N30160   | 1    | 2.2 | 5.1 |
| 44363_at   |  |      | AI822115 | 1.8  | 2.1 | 5.1 |
| 44096_at   | desmin   | DES  | AA527080 | 0.6  | 0   | 5.1 |
| 56685_at   |  |      | AA603472 | 2.7  | 1.3 | 5.1 |
| 51778_at   |  |      | H66807   | 0    | 2.2 | 5.1 |
| 65351_r_at |  |      | AA146979 | 5.9  | 3.2 | 5.1 |
| 52516_at   |  |      | R44595   | 0.2  | 0.9 | 5.1 |
| 47016_at   |  |      | AA993031 | 0    | 2   | 5.1 |
| 58170_at   |  |      | AA813190 | 2.5  | 1.3 | 5.1 |
| 55612_at   |  |      | AA662107 | 2.3  | 2.4 | 5.1 |
| 44981_s_at |  |      | AA115266 | 59.2 | 45  | 5.1 |

Figure 13VVV

|            |  |         |          |      |     |     |
|------------|--|---------|----------|------|-----|-----|
| 47412_at   |  |         | AI675130 | 1.2  | 1.4 | 5.1 |
| 60138_at   |  |         | AI823497 | 3.3  | 1.1 | 5.1 |
| 52528_at   | SRY (sex determining region Y)-box 22                    | SOX22   | AA700909 | 0.2  | 1.6 | 5.1 |
| 53663_at   |  |         | AI082535 | 0.9  | 2.1 | 5.1 |
| 57607_at   | solute carrier family 30 (zinc transporter), member 1    | SLC30A1 | AI553933 | 4    | 1.3 | 5.1 |
| 46079_at   |  |         | W63785   | 10   | 6   | 5.1 |
| 54487_at   |  |         | AA044626 | 3    | 3.1 | 5.1 |
| 58180_at   | KIAA0942 protein   |         | AI073412 | 17.4 | 0.2 | 5.1 |
| 64914_at   |  |         | AI632224 | 0.7  | 0   | 5.1 |
| 52813_at   | calumenin  | CALU    | AA234047 | 0    | 0   | 5.1 |
| 47080_at   | hypothetical protein                                     |         | AW005818 | 0.6  | 1.7 | 5.1 |
| 52335_at   |  |         | AI762208 | 6.4  | 2.2 | 5.1 |
| 54527_at   |  |         | AW008207 | 2.2  | 2.2 | 5.1 |
| 78736_r_at |  |         | AI094933 | 4.1  | 3.8 | 5.1 |
| 40409_at   | aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase) | ALDH10  | U46689   | 5.3  | 3.9 | 5.1 |
| 36102_at   | voltage-dependent anion channel 3                        | VDAC3   | AF038962 | 4    | 0.3 | 5.1 |
| 36571_at   | topoisomerase (DNA) II beta (180kD)                      | TOP2B   | X68060   | 3.6  | 2.7 | 5.1 |
| 36601_at   | vinculin   | VCL     | M33308   | 5.2  | 4.6 | 5.1 |
| 1427_g_at  | Src-like-adaptor   | SLA     | D89077   | 3.5  | 3.7 | 5.1 |
| 32440_at   | ribosomal protein L17                                    | RPL17   | X53777   | 2.1  | 1.8 | 5.1 |
| 38479_at   | acidic protein rich in leucines                          |         | Y07969   | 4.4  | 2.9 | 5.1 |
| 52936_at   |  |         | T65761   | 5.3  | 1.5 | 5.1 |
| 68339_at   | transforming growth factor, beta-induced, 68kD           | TGFB1   | AI624028 | 5.1  | 2.2 | 5.1 |
| 39340_at   | hexosaminidase A (alpha polypeptide)                     | HEXA    | M16424   | 5    | 1.5 | 5.1 |
| 61853_at   |  |         | AA773816 | 5.1  | 5.1 | 5.1 |
| 53857_at   |  |         | H09392   | 1.8  | 4.9 | 5.1 |
| 84122_at   |  |         | AI939453 | 2.8  | 4.2 | 5.1 |
| 49450_at   | mitogen-activated protein kinase kinase kinase 13        | MAP3K13 | W72274   | 2.1  | 3.9 | 5.1 |
| 45285_at   | proteasome (prosome, macropain) subunit, alpha type, 7   | PSMA7   | AA877820 | 4.2  | 3.4 | 5.1 |
| 63997_s_at | vacuolar protein sorting 11 (yeast homolog)              | VPS11   | AW007365 | 3.8  | 1.6 | 5.1 |
| 56344_at   | vacuolar protein sorting 35 (yeast homolog)              | VPS35   | AI961227 | 2.7  | 2.9 | 5.1 |
| 45736_at   | two-pore channel 1, homolog                              |         | AI048491 | 5.4  | 5.2 | 5.1 |
| 58831_l_at |  |         | AI952279 | 3.2  | 2.3 | 5.1 |
| 47640_at   | Nedd4-like ubiquitin-protein ligase                      |         | AI668780 | 3.9  | 4.1 | 5.1 |
| 33047_at   |  |         | AI971169 | 0.1  | 1.3 | 5   |

Figure 13WW

|            |   |          |          |      |      |   |
|------------|---|----------|----------|------|------|---|
| 31402_at   | minor histocompatibility antigen HB-1                           |          | AF103884 | 1    | 0.4  | 5 |
| 38241_at   | butyrophilin, subfamily 3, member A3                            | BTN3A3   | U90548   | 3.4  | 2.4  | 5 |
| 1076_at    | interleukin 1, alpha  | IL1A     | M28983   | 1.6  | 0.2  | 5 |
| 296_at     | tubulin, beta polypeptide                                       | TUBB     | X79535   | 16   | 12.7 | 5 |
| 33716_at   |   |          | N95443   | 0    | 0    | 5 |
| 40957_at   | KIAA0160 protein  | KIAA0160 | D63881   | 14.6 | 17.7 | 5 |
| 33804_at   | protein tyrosine kinase 2 beta                                  | PTK2B    | U43522   | 14.6 | 13.4 | 5 |
| 39348_at   | HMT1 (hnRNP methyltransferase, S. cerevisiae) like 1            | HRMT1L1  | X99209   | 2.4  | 3.5  | 5 |
| 31935_s_at | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 (S. cerevisiae) | DDX11    | U75968   | 0.8  | 0    | 5 |
| 33480_at   | motilin   | MLN      | X15393   | 5.4  | 1.8  | 5 |
| 34562_at   | zinc finger protein with interaction domain                     |          | X82018   | 2.7  | 0    | 5 |
| 1030_s_at  | topoisomerase (DNA) I   | TOP1     | U07806   | 6.7  | 2.8  | 5 |
| 41601_at   |   |          | AA142964 | 2.1  | 3.7  | 5 |
| 41792_at   | ATP-binding cassette, sub-family C (CFTR/MRP), member 8         | ABCC8    | L78207   | 0.9  | 0.6  | 5 |
| 36812_at   | breast cancer anti-estrogen resistance 3                        | BCAR3    | U92715   | 0.6  | 3.1  | 5 |
| 40357_at   | inhibin, beta A (activin A, activin AB alpha polypeptide)       | INHBA    | J03634   | 38.6 | 4.9  | 5 |
| 37221_at   | protein kinase, cAMP-dependent, regulatory, type II, beta       | PRKAR2B  | M31158   | 6    | 4.6  | 5 |
| 37553_at   | testis-specific kinase 1  | TESK1    | D50863   | 1.7  | 3.6  | 5 |
| 507_s_at   | E74-like factor 2 (ets domain transcription factor)             | ELF2     | U43189   | 2.5  | 2.5  | 5 |
| 39182_at   | epithelial membrane protein 3                                   | EMP3     | U87947   | 4.8  | 3.8  | 5 |
| 49409_i_at |   |          | AA910006 | 0    | 0    | 5 |
| 63580_at   | serologically defined colon cancer antigen 43                   | SDCCAG43 | A1832477 | 6.8  | 0.9  | 5 |
| 53827_at   |   |          | AA781176 | 3.7  | 2    | 5 |
| 79503_at   |   |          | AL036462 | 0.9  | 2.8  | 5 |
| 84194_at   |   |          | T52159   | 3.1  | 1.3  | 5 |
| 84249_at   |   |          | AA503172 | 1.3  | 1.4  | 5 |
| 63397_at   | Rho-associated, coiled-coil containing protein kinase 1         | ROCK1    | A1872948 | 2.5  | 2.6  | 5 |
| 48363_at   |   |          | AA651889 | 3    | 3    | 5 |
| 64333_s_at | pyrophosphatase (inorganic)                                     | PP       | AW009649 | 39.9 | 10.9 | 5 |
| 43850_s_at | PP1201 protein  |          | AA668732 | 3.4  | 5.4  | 5 |
| 75954_at   |   |          | A1978606 | 0    | 0    | 5 |
| 59745_r_at |   |          | N99174   | 2.8  | 2.2  | 5 |
| 63566_at   |   |          | A1885627 | 1.3  | 2.3  | 5 |
| 44207_at   |   |          | A1422986 | 18.5 | 5.7  | 5 |

Figure 13XXX

|            |  |  |   |          |     |     |   |
|------------|--|--|---|----------|-----|-----|---|
| 73947_at   |  |  |   | AI986440 | 4.1 | 1.6 | 5 |
| 50218_at   |  |  |   | AI816806 | 2.3 | 1.5 | 5 |
| 78017_at   |  |  |   | AI638269 | 0.9 | 1.4 | 5 |
| 44839_s_at |  |  |   | AW006891 | 6   | 2   | 5 |
| 78252_r_at |  |  |   | AA034137 | 2.8 | 1.5 | 5 |
| 75252_at   |  |  |   | AI379494 | 2.5 | 2.3 | 5 |
| 47773_at   |  |  |   | AA836114 | 1.5 | 1.5 | 5 |
| 1017_at    |  |  | MSH6  | U73737   | 0   | 2   | 5 |
| 43450_at   |  |  |   | R50504   | 1.4 | 3.4 | 5 |
| 65887_at   |  |  | transducer of ERBB2, 2                                    | AI830948 | 4   | 3.4 | 5 |
| 60924_i_at |  |  |   | H63111   | 0   | 0   | 5 |
| 33966_at   |  |  | interleukin 7   | M29053   | 0.8 | 1.7 | 5 |
| 55988_at   |  |  | G5b protein   | AI446559 | 7.3 | 3.5 | 5 |
| 70228_r_at |  |  | protein kinase, cAMP-dependent, regulatory, type II, beta | AI792179 | 5.3 | 9.7 | 5 |
| 65938_at   |  |  | MADS box transcription enhancer factor 2, polypeptide C   | AL118637 | 0   | 0   | 5 |
|            |  |  | (myocyte enhancer factor 2C)                              |          |     |     |   |
| 48287_at   |  |  |   | AA233912 | 2.3 | 1.5 | 5 |
| 48329_at   |  |  |   | AA876002 | 0.7 | 0.7 | 5 |
| 61433_at   |  |  |   | AI887923 | 5   | 3.1 | 5 |
| 47644_at   |  |  |   | AI963632 | 2.4 | 1.3 | 5 |
| 1813_at    |  |  |   |          | 1.3 | 0   | 5 |
| 42295_at   |  |  |   | AI150454 | 3.1 | 2.2 | 5 |
| 48889_at   |  |  |   | T51931   | 0   | 1.1 | 5 |
| 51250_f_at |  |  |   | H17134   | 1.3 | 1.5 | 5 |
| 53017_at   |  |  |   | 3144516  | 0   | 0   | 5 |
| 74926_r_at |  |  |   | AI252805 | 1   | 0.5 | 5 |
| 84962_f_at |  |  |   | R42423   | 2.8 | 0.6 | 5 |
| 86300_at   |  |  |   | AA342715 | 0.1 | 1.8 | 5 |
| 41603_at   |  |  | transducin (beta)-like 3                                  | U02609   | 4.8 | 3.8 | 5 |
| 1583_at    |  |  | tumor necrosis factor receptor superfamily, member 1B     | M32315   | 0   | 1.6 | 5 |
| 35170_at   |  |  | mannosidase, alpha, class 2C, member 1                    | AF044414 | 4   | 2.8 | 5 |
| 35247_at   |  |  | small nuclear RNA activating complex, polypeptide 5, 19kD | AI557062 | 5.5 | 2.9 | 5 |
| 1447_at    |  |  | proteasome (prosome, macropain) subunit, beta type, 1     | D00761   | 0.2 | 0.4 | 5 |
| 65130_at   |  |  |   | AI749588 | 4.8 | 0.5 | 5 |
| 45577_s_at |  |  |   | AI471038 | 3.4 | 4.9 | 5 |

Figure 13YYY

|            |  |         |          |      |      |     |
|------------|--|---------|----------|------|------|-----|
| 48811_at   | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase           |         | AW007594 | 5.2  | 4    | 5   |
| 49488_at   | DKFZP434F1735 protein  |         | AW005775 | 4.9  | 3.5  | 5   |
| 45815_at   | hypothetical protein   |         | AL048939 | 4    | 2.9  | 5   |
| 54479_at   |  |         | AA214559 | 5.8  | 3.9  | 5   |
| 39503_s_at | dihydropyrimidinase-like 4   | DPYSL4  | AB006713 | 1.9  | 0.2  | 4.9 |
| 37140_s_at | ectodermal dysplasia 1, anhidrotic   | ED1     | AF061193 | 0.5  | 0.7  | 4.9 |
| 33011_at   | neurotensin receptor 2   | NTSR2   | Y10148   | 0.6  | 0    | 4.9 |
| 37839_at   |  |         | AL109700 | 1.6  | 0    | 4.9 |
| 31861_at   | immunoglobulin mu binding protein 2  | IGHMBP2 | L14754   | 3.9  | 1.4  | 4.9 |
| 31890_s_at | zinc finger protein 143 (clone pHz.1)  | ZNF143  | AF071771 | 0.6  | 0    | 4.9 |
| 38173_at   | KIAA1076 protein   |         | AB028999 | 1.4  | 1.6  | 4.9 |
| 40141_at   | cullin 4B  | CUL4B   | AB014595 | 0    | 1.3  | 4.9 |
| 41208_at   | S164 protein   |         | L40392   | 0.8  | 1.5  | 4.9 |
| 35438_at   | SEX gene   |         | X87852   | 1.5  | 0.9  | 4.9 |
| 33360_at   | f-box and leucine-rich repeat protein 11                                     | FBXL11  | AB023221 | 6    | 3.5  | 4.9 |
| 34151_at   | DKFZP586M1019 protein  |         | AL050284 | 1.9  | 2.5  | 4.9 |
| 41026_f_at | glycophorin E  | GYPE    | U05255   | 3.1  | 1.1  | 4.9 |
| 884_at     | integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)         | ITGA3   | M59911   | 2.1  | 2.5  | 4.9 |
| 33555_at   | immunoglobulin-like transcript 7   |         | AF041261 | 1.5  | 0.2  | 4.9 |
| 39986_at   | DKFZP586D0919 protein  |         | AL050100 | 16.5 | 4.2  | 4.9 |
| 1584_at    | cell division cycle 25C  | CDC25C  | M34065   | 3.1  | 1.8  | 4.9 |
| 36859_at   | non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase) | NME5    | AF067724 | 3.8  | 0.1  | 4.9 |
| 37270_at   | ATPase, Na+/K+ transporting, beta 2 polypeptide                              | ATP1B2  | AF007876 | 1.3  | 0.8  | 4.9 |
| 37746_r_at | suppression of tumorigenicity 5  | ST5     | U15131   | 0.8  | 0.1  | 4.9 |
| 37561_at   | nuclear transcription factor Y, alpha  | NFYA    | AL031778 | 1.3  | 1.8  | 4.9 |
| 418_at     | antigen identified by monoclonal antibody Ki-67                              | MKI67   | X65550   | 0.4  | 0    | 4.9 |
| 320_at     | peroxisomal biogenesis factor 6  | PEX6    | D83703   | 0    | 0.6  | 4.9 |
| 38281_at   | caspase 7, apoptosis-related cysteine protease                               | CASP7   | U67319   | 22.7 | 14.4 | 4.9 |
| 38842_at   | Leman coiled-coil protein  |         | AB023206 | 3.1  | 3.1  | 4.9 |
| 38318_at   |  |         | AL050128 | 1.2  | 1.2  | 4.9 |
| 63309_at   | CGI-15 protein   |         | AI241474 | 4.1  | 0.4  | 4.9 |
| 56341_at   |  |         | AI123450 | 2    | 1.8  | 4.9 |

Figure 13ZZZ

|            |   |  |        |          |      |     |     |
|------------|---|--|--------|----------|------|-----|-----|
| 89795_at   |   |  |        | AL040892 | 3.2  | 2.1 | 4.9 |
| 65135_at   |   |  |        | AI916853 | 6.9  | 3.6 | 4.9 |
| 76200_r_at |   |  |        | AI095270 | 2.3  | 2.4 | 4.9 |
| 57576_r_at |   |  |        | AA780978 | 1.2  | 1.7 | 4.9 |
| 49536_at   |   |  |        | AI733696 | 2.4  | 1.8 | 4.9 |
| 90922_at   |   |  |        | AI608696 | 0.5  | 0.2 | 4.9 |
| 50475_at   |   |  |        | AI679625 | 0    | 0   | 4.9 |
| 62418_i_at |   |  |        | AA908810 | 0.5  | 1.2 | 4.9 |
| 56258_f_at |   |  |        | AI370094 | 1    | 0.2 | 4.9 |
| 54626_at   |   |  |        | AI301188 | 2.2  | 3.4 | 4.9 |
| 67087_at   |   |  |        | AI351909 | 10.3 | 4.9 | 4.9 |
| 62174_at   | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1 |  |        | N63449   | 14.3 | 1.9 | 4.9 |
| 42773_at   |   |  |        | T67520   | 0.8  | 1.2 | 4.9 |
| 67336_at   |   |  |        | AA525014 | 2    | 1.3 | 4.9 |
| 59365_at   |   |  |        | D59637   | 32.9 | 6.9 | 4.9 |
| 51183_at   | transcriptional intermediary factor 1 gamma   |  |        | N98658   | 7.5  | 4.9 | 4.9 |
| 83046_r_at |   |  |        | AI459177 | 2.7  | 1.7 | 4.9 |
| 47988_at   |   |  |        | AA028166 | 1.9  | 1.1 | 4.9 |
| 92163_at   |   |  |        | AA504454 | 0.8  | 0   | 4.9 |
| 59020_at   |   |  |        | AI492162 | 1.5  | 0.7 | 4.9 |
| 42690_at   |   |  |        | AA034063 | 3.3  | 2.3 | 4.9 |
| 64334_at   |   |  |        | AI961216 | 2.6  | 1.9 | 4.9 |
| 69668_at   | chromosome 1 open reading frame 2   |  | C1ORF2 | AI744371 | 0.3  | 0.8 | 4.9 |
| 43050_at   |   |  |        | AI613413 | 2    | 2.5 | 4.9 |
| 64601_at   |   |  |        | AI763164 | 1.3  | 1.3 | 4.9 |
| 43065_at   |   |  |        | N26002   | 0.3  | 1.2 | 4.9 |
| 50376_at   | DNA (cytosine-5-)methyltransferase 3 alpha  |  | DNMT3A | AI278629 | 2.5  | 3.5 | 4.9 |
| 48205_at   | hypothetical protein FLJ11137   |  |        | N34861   | 2    | 2.8 | 4.9 |
| 65405_at   |   |  |        | H67680   | 0    | 1   | 4.9 |
| 48867_at   |   |  |        | AA527919 | 8.1  | 4.4 | 4.9 |
| 60214_at   |   |  |        | AA227861 | 1.8  | 1.9 | 4.9 |
| 64216_at   |   |  |        | H09657   | 1.3  | 1.2 | 4.9 |
| 51254_at   |   |  |        | AI090139 | 3.3  | 3.6 | 4.9 |
| 45975_at   |   |  |        | N55070   | 1    | 2.3 | 4.9 |

Figure 13AAAA





|            |  |        |  |          |      |     |     |
|------------|--|--------|--|----------|------|-----|-----|
| 39616_at   |  |        |  | AL050227 | 18.5 | 0   | 4.8 |
| 35824_at   | zinc finger protein 238  | ZNF238 |  | AJ223321 | 1.5  | 1.1 | 4.8 |
| 430_at     | nucleoside phosphorylase   | NP     |  | X00737   | 8.6  | 0.1 | 4.8 |
| 1289_at    | glutathione S-transferase M5   | GSTM5  |  | L02321   | 5    | 1.1 | 4.8 |
| 438_at     | protein kinase, cAMP-dependent, catalytic, alpha   | PRKACA |  | X07767   | 1.5  | 1.2 | 4.8 |
| 37334_at   | heterogeneous nuclear ribonucleoprotein A0   | HNRPA0 |  | U23803   | 0    | 0.1 | 4.8 |
| 197_at     | non-metastatic cells 3, protein expressed in   | NME3   |  | U29656   | 0.8  | 0   | 4.8 |
| 40749_at   | membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for; beta polypeptide) | MS4A2  |  | X07203   | 2.6  | 0   | 4.8 |
| 48782_at   | putative nuclear protein   |        |  | AL040705 | 0    | 1.1 | 4.8 |
| 50795_at   |  |        |  | AI693592 | 0.5  | 0   | 4.8 |
| 67002_at   |  |        |  | AI025553 | 1.9  | 2   | 4.8 |
| 49415_at   |  |        |  | AI027972 | 0.7  | 0.8 | 4.8 |
| 78715_at   |  |        |  | AI379702 | 2.3  | 3   | 4.8 |
| 58052_at   |  |        |  | W90549   | 1.3  | 0.5 | 4.8 |
| 59210_at   |  |        |  | T79178   | 2.7  | 3   | 4.8 |
| 55556_at   |  |        |  | AA968469 | 1.6  | 2.8 | 4.8 |
| 62066_at   |  |        |  | AI919146 | 1.4  | 1.4 | 4.8 |
| 65268_at   |  |        |  | AA526937 | 0.4  | 0.6 | 4.8 |
| 55194_at   |  |        |  | AI638607 | 7.9  | 4.1 | 4.8 |
| 58302_at   |  |        |  | AA971619 | 1.4  | 2.4 | 4.8 |
| 84320_at   |  |        |  | AA602573 | 3.2  | 3.5 | 4.8 |
| 59344_at   |  |        |  | AA017033 | 6.9  | 3   | 4.8 |
| 88673_f_at | hypothetical protein DKFZp434H247  |        |  | T41344   | 0.8  | 1.2 | 4.8 |
| 43225_i_at |  |        |  | AA001052 | 9.5  | 4   | 4.8 |
| 43231_at   |  |        |  | N70008   | 4.6  | 2.8 | 4.8 |
| 59054_at   |  |        |  | AA489100 | 4.1  | 9.9 | 4.8 |
| 55343_at   |  |        |  | AI557402 | 3    | 3.6 | 4.8 |
| 44347_at   |  |        |  | N53347   | 3.8  | 1.3 | 4.8 |
| 72264_at   |  |        |  | AI948563 | 0    | 0.6 | 4.8 |
| 56319_at   | cofactor required for Sp1 transcriptional activation, subunit 6 (77kD)   | CRSP6  |  | C05931   | 4.3  | 2.7 | 4.8 |
| 59667_at   |  |        |  | AW016310 | 1.6  | 0.7 | 4.8 |
| 60860_f_at |  |        |  | AI086805 | 0    | 1.2 | 4.8 |
| 43103_at   |  |        |  | AA394147 | 0.5  | 0.9 | 4.8 |

Figure 13CCCC

|            |   |        |          |      |     |     |
|------------|---|--------|----------|------|-----|-----|
| 53274_r_at |   |        | R66718   | 0.8  | 0.9 | 4.8 |
| 48921_at   |   |        | W85737   | 0.5  | 2.3 | 4.8 |
| 52744_at   |   |        | T70610   | 0.5  | 2.2 | 4.8 |
| 32909_at   | aquaporin 5   | AQP5   | U46569   | 1.3  | 0   | 4.8 |
| 59574_at   |   |        | AI807378 | 4    | 1.3 | 4.8 |
| 54198_at   |   |        | AA262451 | 0.4  | 0.7 | 4.8 |
| 45165_at   |   |        | AI831506 | 7.8  | 3.2 | 4.8 |
| 54296_at   |   |        | N35708   | 1.1  | 2.4 | 4.8 |
| 53156_at   |   |        | D80679   | 3.2  | 1.1 | 4.8 |
| 45004_r_at |   |        | N46092   | 2.1  | 1.4 | 4.8 |
| 41886_r_at |   |        | R85286   | 7.4  | 1.2 | 4.8 |
| 55309_at   |   |        | W90521   | 0.2  | 1.3 | 4.8 |
| 64795_at   |   |        | AA127743 | 1.2  | 1.4 | 4.8 |
| 75246_s_at | solute carrier family 1 (glial high affinity glutamate transporter), member 3 | SLC1A3 | W26838   | 43.1 | 7.2 | 4.8 |
| 42034_at   |   |        | AA250845 | 1.3  | 2.3 | 4.8 |
| 43599_at   |   |        | T62955   | 1.8  | 2.5 | 4.8 |
| 70119_at   |   |        | AI766259 | 1.4  | 1.4 | 4.8 |
| 70656_at   |   |        | AI827487 | 0.5  | 0.8 | 4.8 |
| 73467_f_at |   |        | AI799544 | 0.6  | 0.7 | 4.8 |
| 88572_at   |   |        | AI652684 | 2.2  | 2.3 | 4.8 |
| 40826_at   | MAP/microtubule affinity-regulating kinase 3                                  | MARK3  | M80359   | 2.9  | 1.9 | 4.8 |
| 32749_s_at | filamin A, alpha (actin-binding protein-280)                                  | FLNA   | AI050396 | 3    | 2.8 | 4.8 |
| 56821_at   | hypothetical protein FLJ10815   |        | AI963454 | 3.9  | 4.1 | 4.8 |
| 65813_at   | zinc finger protein homologous to Zfp-36 in mouse                             | ZFP36  | N32721   | 3.9  | 2.8 | 4.8 |
| 48568_at   | CGI-132 protein   |        | AA305994 | 2.5  | 1.3 | 4.8 |
| 63793_at   | DNA polymerase epsilon p12 subunit  |        | AI797479 | 5.4  | 3.7 | 4.8 |
| 65766_at   | hypothetical protein LOC58481   |        | AI335452 | 2.8  | 2.4 | 4.8 |
| 44823_s_at |   |        | AA521476 | 4.7  | 4.4 | 4.8 |
| 46315_at   |   |        | AA233808 | 3    | 3.5 | 4.8 |
| 44842_at   | COP9 complex subunit 7a   |        | AI971871 | 3.4  | 2.9 | 4.8 |
| 49633_at   | hypothetical protein HES6   |        | N21131   | 4.9  | 4.9 | 4.8 |
| 39971_at   | lymphoblastic leukemia derived sequence 1                                     | LYL1   | M22637   | 4.8  | 3.5 | 4.8 |
| 53120_at   | hypothetical protein FLJ20442   |        | AI681916 | 5.2  | 4.3 | 4.8 |
| 54878_at   |   |        | AL048421 | 4.9  | 3.8 | 4.8 |

Figure 13DDDD

|            |  |         |  |  |          |      |      |     |
|------------|--|---------|--|--|----------|------|------|-----|
| 47077_at   |  |         |  |  | A1697908 | 1.5  | 1.9  | 4.8 |
| 38624_at   | solute carrier family 12 (potassium/chloride transporters), member 4                     | SLC12A4 |  |  | AF054506 | 1    | 0    | 4.7 |
| 39559_at   | kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)                                    | KMO     |  |  | AF056032 | 4.2  | 1.3  | 4.7 |
| 38704_at   | actin binding protein; macrophin (microfilament and actin filament cross-linker protein) |         |  |  | AB007934 | 3.8  | 3.6  | 4.7 |
| 41678_at   | EphB2  | EPHB2   |  |  | AF025304 | 0.8  | 7.5  | 4.7 |
| 34940_at   |  |         |  |  | AL080095 | 1    | 0    | 4.7 |
| 39701_at   | paternally expressed 3   | PEG3    |  |  | AB006625 | 1.3  | 0    | 4.7 |
| 31408_at   | retinal pigment epithelium-derived rhodopsin homolog                                     | RHR     |  |  | AF012270 | 0.4  | 0    | 4.7 |
| 40454_at   | FAT tumor suppressor (Drosophila) homolog  | FAT     |  |  | X87241   | 0.2  | 1.3  | 4.7 |
| 40559_at   |  |         |  |  | AL096727 | 1.2  | 0    | 4.7 |
| 41126_at   | solute carrier family 1 (glutamate/neutral amino acid transporter), member 4             | SLC1A4  |  |  | AA978353 | 5.7  | 7.9  | 4.7 |
| 32297_s_at | killer cell lectin-like receptor subfamily C, member 2                                   | KLRC2   |  |  | AJ001684 | 0.2  | 0    | 4.7 |
| 40984_at   | gamma tubulin ring complex protein (76p gene)  |         |  |  | W28255   | 0.9  | 1    | 4.7 |
| 41331_at   | KIAA0806 gene product  |         |  |  | R93981   | 2    | 1.2  | 4.7 |
| 33463_at   | xanthene dehydrogenase   | XDH     |  |  | U39487   | 1    | 0.6  | 4.7 |
| 38986_at   | glucose regulated protein, 58kD  | GRP58   |  |  | Z49835   | 7.9  | 16.1 | 4.7 |
| 33493_at   | erythroid differentiation and denucleation factor 1                                      |         |  |  | LFO48849 | 1.8  | 0.6  | 4.7 |
| 38216_at   | thyroid hormone receptor interactor 8  | TRIP8   |  |  | L40411   | 1.1  | 0.6  | 4.7 |
| 36069_at   | KIAA0456 protein   |         |  |  | AB007925 | 0    | 3.7  | 4.7 |
| 36456_at   | DKFZP564I052 protein   |         |  |  | AL080063 | 10.7 | 6.9  | 4.7 |
| 40322_at   | interleukin 1 receptor-like 1  | IL1RL1  |  |  | D12763   | 1.5  | 0.2  | 4.7 |
| 37308_at   | KIAA1624 protein   |         |  |  | AI888084 | 2.5  | 3    | 4.7 |
| 35847_at   | ubiquitin specific protease 24   | USP24   |  |  | AB028980 | 3.7  | 3    | 4.7 |
| 121_at     | paired box gene 8  | PAX8    |  |  | X69699   | 2    | 1.2  | 4.7 |
| 36872_at   | cyclic AMP phosphoprotein, 19 kD   |         |  |  | AL120559 | 13.9 | 12.3 | 4.7 |
| 36122_at   | prosome (prosoma, macropain) subunit, alpha type, 6                                      | PSMA6   |  |  | X59417   | 7.7  | 3.3  | 4.7 |
| 36966_at   | ankyrin 3, node of Ranvier (ankyrin G)   | ANK3    |  |  | U43965   | 1.8  | 0    | 4.7 |
| 37201_at   | inter-alpha (globulin) inhibitor H4 (plasma kallikrein-sensitive glycoprotein)           | ITIH4   |  |  | D38535   | 0.6  | 2.9  | 4.7 |
| 41002_at   | solute carrier family 16 (monocarboxylic acid transporters), member 5                    | SLC16A5 |  |  | U59299   | 0.6  | 0.3  | 4.7 |
| 39158_at   | activating transcription factor 5  | ATF5    |  |  | AB021663 | 6.7  | 6.6  | 4.7 |

Figure 13EEE

|            |   |       |          |      |     |     |
|------------|---|-------|----------|------|-----|-----|
| 41075_at   | A kinase (PKA) anchor protein 3                                       | AKAP3 | AF087003 | 1.9  | 0.8 | 4.7 |
| 46462_at   |   |       | AF087003 | 0.6  | 0.4 | 4.7 |
| 58008_at   |   |       | AA521240 | 0.4  | 0.5 | 4.7 |
| 48088_at   |   |       | AI300073 | 0    | 3.3 | 4.7 |
| 47174_r_at |   |       | AA285149 | 2.4  | 1.8 | 4.7 |
| 66352_at   |   |       | AI003755 | 0.2  | 0.7 | 4.7 |
| 58030_at   |   |       | AA845345 | 1.8  | 0.9 | 4.7 |
| 77208_at   |   |       | AI732988 | 1.4  | 1.9 | 4.7 |
| 77298_at   |   |       | AI675783 | 0.2  | 2.7 | 4.7 |
| 54069_at   | hypothetical protein  |       | AI431793 | 0.1  | 1.2 | 4.7 |
| 91011_at   |   |       | AI668698 | 2.5  | 0   | 4.7 |
| 53456_at   |   |       | T61326   | 1.6  | 0.2 | 4.7 |
| 55868_at   | cadherin-like 24  | CDH24 | AI820755 | 1.9  | 1.7 | 4.7 |
| 44742_s_at | hypothetical protein FLJ21939 similar to 5-azacytidine induced gene 2 |       | AA205994 | 10.7 | 5.1 | 4.7 |
| 42816_at   |   |       | Z38762   | 4.2  | 1.2 | 4.7 |
| 58366_at   |   |       | R71447   | 0    | 0   | 4.7 |
| 47961_at   |   |       | AW013851 | 1.4  | 1.3 | 4.7 |
| 83066_r_at |   |       | AI536659 | 1    | 3.4 | 4.7 |
| 48371_at   | aldehyde dehydrogenase 12   |       | N70701   | 0.6  | 1.7 | 4.7 |
| 51675_at   |   |       | AI791859 | 1.6  | 1.6 | 4.7 |
| 63074_at   |   |       | AA570454 | 4    | 3.7 | 4.7 |
| 69658_at   |   |       | AI754641 | 0.6  | 0.5 | 4.7 |
| 42916_at   |   |       | H53950   | 2.5  | 1.1 | 4.7 |
| 63900_at   |   |       | R42022   | 0    | 1.6 | 4.7 |
| 42866_s_at |   |       | AW003230 | 1.5  | 4.5 | 4.7 |
| 49165_at   | hypothetical protein PRO2013  |       | AW024795 | 0    | 2   | 4.7 |
| 45434_at   |   |       | H05785   | 3.3  | 1.2 | 4.7 |
| 56681_at   |   |       | AA628511 | 0    | 0.6 | 4.7 |
| 43998_at   | hypothetical protein FLJ11159   |       | AI954729 | 0    | 0.6 | 4.7 |
| 47805_at   |   |       | AL046561 | 1.1  | 2.3 | 4.7 |
| 60872_at   | ribosomal protein S19   | RPS19 | N91770   | 1.7  | 2.8 | 4.7 |
| 54820_at   |   |       | AA203581 | 1    | 1.7 | 4.7 |
| 54933_at   |   |       | AI356461 | 11.3 | 8.8 | 4.7 |
| 45890_at   |   |       | W21855   | 3    | 1.3 | 4.7 |

Figure 13FFFF

|            |  |         |          |      |     |     |
|------------|--|---------|----------|------|-----|-----|
| 65265_r_at |  |         | T90778   | 0    | 0.7 | 4.7 |
| 65795_r_at |  |         | AL042362 | 9.4  | 3   | 4.7 |
| 59474_at   |  |         | AI924028 | 0.5  | 1   | 4.7 |
| 60143_r_at |  |         | H71532   | 2.2  | 1.2 | 4.7 |
| 59493_at   |  |         | AA521317 | 1.3  | 2.5 | 4.7 |
| 45788_l_at | mannosyl (alpha-1,3-) glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme B | MGAT4B  | AI741591 | 2.2  | 2.6 | 4.7 |
| 46090_at   |  |         | AA806216 | 3.9  | 0.8 | 4.7 |
| 261_s_at   | apolipoprotein B (including Ag(x) antigen)   | APOB    | M19828   | 2    | 0.4 | 4.7 |
| 63457_f_at |  |         | AA022988 | 3.3  | 2.2 | 4.7 |
| 49213_s_at | KIAA1557 protein   |         | AI692432 | 0.7  | 1.2 | 4.7 |
| 46025_at   |  |         | AA040740 | 6.4  | 3.5 | 4.7 |
| 55829_at   |  |         | AA058944 | 3.7  | 2.9 | 4.7 |
| 53975_at   | KIAA1151 protein   |         | Z78399   | 23.6 | 3.4 | 4.7 |
| 55869_at   |  |         | R58910   | 1.6  | 1.8 | 4.7 |
| 47872_at   |  |         | AI417194 | 1.9  | 1.3 | 4.7 |
| 54985_at   |  |         | AI346820 | 2.8  | 1   | 4.7 |
| 46997_at   | hypothetical protein FLJ11021 similar to splicing factor, arginine/serine-rich 4         |         | N74643   | 1.8  | 2.1 | 4.7 |
| 51028_at   |  |         | AI218306 | 2.6  | 6.3 | 4.7 |
| 57452_at   |  |         | AA451798 | 3.5  | 2.8 | 4.7 |
| 51667_f_at |  |         | N52088   | 0.9  | 3   | 4.7 |
| 32166_at   | KIAA1027 protein   |         | AB028950 | 2.3  | 1.3 | 4.7 |
| 32229_at   | eukaryotic translation initiation factor 4E-like 3                                       | EIF4EL3 | AF038957 | 1.1  | 1.3 | 4.7 |
| 34368_at   | histone deacetylase 2  | HDAC2   | U31814   | 4.4  | 2   | 4.7 |
| 32518_at   | zinc finger protein 259  | ZNF259  | AF019767 | 0.8  | 0   | 4.7 |
| 43422_at   | CD27-binding (Siva) protein  |         | AA025365 | 3.9  | 3.3 | 4.7 |
| 53884_at   |  |         | AA312905 | 4.9  | 3.9 | 4.7 |
| 33689_s_at | D-dopachrome tautomerase   | DDT     | AF012434 | 4.5  | 1.8 | 4.7 |
| 42831_at   |  |         | AI201843 | 4.7  | 4.2 | 4.7 |
| 45712_at   | SUMO-1 activating enzyme subunit 1   |         | H98166   | 3.3  | 2.6 | 4.7 |
| 65620_at   | hypothetical protein FLJ14005  |         | W52855   | 4.6  | 4.4 | 4.7 |
| 54147_at   | pyruvate dehydrogenase kinase, isoenzyme 4   | PDK4    | AI763378 | 0.3  | 3.7 | 4.7 |
| 37842_at   | l-mta domain-containing protein  |         | AF054589 | 1.5  | 3.2 | 4.7 |

Figure 13GGGG

|            |   |                 |                      |             |             |            |
|------------|---|-----------------|----------------------|-------------|-------------|------------|
| 35434_at   | MADS box transcription enhancer factor 2, polypeptide D                                     | MEF2D           | L16794               | 1.1         | 4.8         | 4.6        |
| 39866_at   | (myocyte enhancer factor 2D)  |                 |                      |             |             |            |
| 31309_r_at | ubiquitin specific protease 22  | USP22           | AB028986             | 0.6         | 0.8         | 4.6        |
| 41695_at   | KIAA0414 protein  |                 | U50277               | 1.5         | 2.6         | 4.6        |
| 39490_f_at | ADP-ribosylation factor GTPase activating protein 1   | ARFGAP1         | AB007874             | 4.6         | 2.2         | 4.6        |
| 39696_at   | KIAA1051 protein  |                 | W26381               | 2           | 0.4         | 4.6        |
| 34951_at   | putative chemokine receptor; GTP-binding protein  |                 | AB028974             | 0.8         | 0           | 4.6        |
| 1310_at    | proteasome (prosome, macropain) subunit, beta type, 2                                       | PSMB2           | D10923               | 6.3         | 3.2         | 4.6        |
| 40149_at   | SH2-B homolog   |                 | D26599               | 5.5         | 7           | 4.6        |
| 31782_at   | prostaglandin D2 receptor (DP)  |                 | AL049924             | 0           | 0           | 4.6        |
| 38171_at   | WD-repeat protein   | PTGDR           | U31099               | 1.3         | 0           | 4.6        |
| 1969_s_at  | cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase)                   |                 | U94747               | 2.5         | 1.2         | 4.6        |
| 31594_at   | keratin, hair, acidic, 3A   | CDK7            | X77743               | 1.1         | 1.3         | 4.6        |
| 32868_at   | transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)             | KRT1A3A<br>TGM3 | Y16788<br>L10386     | 1.2<br>0.9  | 0.1<br>0.7  | 4.6<br>4.6 |
| 292_s_at   | CDC-like kinase1  | CLK1            | M59287               | 1.4         | 1.3         | 4.6        |
| 32250_at   | H factor 1 (complement)   | HF1             | X07523               | 2.6         | 6.7         | 4.6        |
| 35186_at   | PCAF associated factor 65 beta  |                 | AJ009770             | 1.7         | 1           | 4.6        |
| 40631_at   | transducer of ERBB2, 1  | TOB1            | D38305               | 0           | 0.3         | 4.6        |
| 34779_at   | NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc-alpha-2, 6-sialyltransferase alpha2,6-sialyltransferase |                 | R90942               | 1           | 0.1         | 4.6        |
| 35143_at   | KIAA1031 protein  |                 |                      |             |             |            |
| 37358_at   | ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5)                             | UBE2E1          | A1138605<br>A1039880 | 50.6<br>4.8 | 24.1<br>1.7 | 4.6<br>4.6 |
| 37715_at   | SKI-INTERACTING PROTEIN   |                 |                      |             |             |            |
| 38442_at   | microfibrillar-associated protein 2   | MFAP2           | AF045184             | 1.9         | 0.5         | 4.6        |
| 40718_at   | cathepsin W (lymphopain)  | CTSW            | U19718               | 0.4         | 0           | 4.6        |
| 63307_at   | KIAA1184 protein  |                 | AF013611             | 6.3         | 2.3         | 4.6        |
| 49888_f_at |   |                 | AL041566             | 15.3        | 2.5         | 4.6        |
| 46790_r_at |   |                 | AI357616             | 1.6         | 1.3         | 4.6        |
| 42399_at   |   |                 | AA421236             | 0.4         | 0.4         | 4.6        |
| 43022_at   | hypothetical protein FLJ22351   |                 | AA449090             | 1.5         | 0.9         | 4.6        |
| 52929_at   |   |                 | AA196189             | 4.1         | 2.1         | 4.6        |
|            |   |                 | AL044396             | 4.8         | 1.5         | 4.6        |

Figure 13HHHH

|            |   |         |  |          |      |     |     |
|------------|---|---------|--|----------|------|-----|-----|
| 57537_at   |   |         |  | AA001250 | 9.6  | 8.5 | 4.6 |
| 63399_at   | E3 ubiquitin ligase SMURF1  |         |  | AI126305 | 1.6  | 1.7 | 4.6 |
| 73870_at   |   |         |  | AI700737 | 0.5  | 0.6 | 4.6 |
| 90776_at   |   |         |  | AA781939 | 3.3  | 1.8 | 4.6 |
| 42564_at   |   |         |  | W84667   | 5.1  | 2.9 | 4.6 |
| 76920_at   |   |         |  | AA745592 | 4.1  | 3.6 | 4.6 |
| 35593_at   | amine oxidase, copper containing 2 (retina-specific)  | AOC2    |  | AB012943 | 0.4  | 0.9 | 4.6 |
| 61991_at   |   |         |  | AI147060 | 1.4  | 2.6 | 4.6 |
| 84050_at   |   |         |  | AI583750 | 0.6  | 1.3 | 4.6 |
| 62314_at   |   |         |  | H04394   | 13.8 | 3.7 | 4.6 |
| 56433_s_at | KIAA0826 protein  |         |  | AA463908 | 0.9  | 1.3 | 4.6 |
| 45471_s_at | aldehyde oxidase 1  | AOX1    |  | AI589531 | 2.3  | 2.1 | 4.6 |
| 48569_at   | STRIN protein   |         |  | AI608790 | 1.5  | 2.8 | 4.6 |
| 69448_i_at |   |         |  | AI700454 | 2.8  | 4.7 | 4.6 |
| 70246_at   |   |         |  | AA630253 | 1    | 0.2 | 4.6 |
| 57139_at   |   |         |  | AI341271 | 2.2  | 2   | 4.6 |
| 44804_s_at | hypothetical protein FLJ21313   |         |  | AI982913 | 7.4  | 2.4 | 4.6 |
| 51131_at   |   |         |  | AW007736 | 9.7  | 8.3 | 4.6 |
| 51872_r_at |   |         |  | AA890487 | 2.5  | 2.3 | 4.6 |
| 55549_s_at | Kruppel-type zinc finger protein  |         |  | AI783578 | 4    | 1.2 | 4.6 |
| 75247_f_at |   |         |  | AA548037 | 3.4  | 6.5 | 4.6 |
| 62440_at   |   |         |  | AI198946 | 6.3  | 3.6 | 4.6 |
| 58254_at   | interleukin-1 receptor-associated kinase M  |         |  | AI018069 | 1.4  | 2   | 4.6 |
| 60606_r_at |   |         |  | N68442   | 0.6  | 0.5 | 4.6 |
| 63718_at   |   |         |  | N63823   | 0    | 2.1 | 4.6 |
| 43278_at   |   |         |  | AA600721 | 1.1  | 1.6 | 4.6 |
| 50694_at   | Carbonic anhydrase-related protein 10   |         |  | AI815895 | 4.2  | 3   | 4.6 |
| 47571_at   | zinc finger protein 236   | ZNF236  |  | AA004757 | 0.9  | 1.3 | 4.6 |
| 52406_s_at |   |         |  | AI125673 | 0    | 1.7 | 4.6 |
| 42184_at   |   |         |  | AA430269 | 4.4  | 1.4 | 4.6 |
| 43970_at   |   |         |  | AA57271  | 0.9  | 1.1 | 4.6 |
| 49524_at   | Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region, gene 1 | AMMECR1 |  | AI032981 | 3.6  | 2.1 | 4.6 |
| 59468_at   | SRY (sex determining region Y)-box 11   | SOX11   |  | IR44341  | 0.3  | 2.4 | 4.6 |
| 64326_r_at |   |         |  | AI866358 | 0    | 2.7 | 4.6 |

Figure 13III



|            |  |         |          |  |     |     |   |     |
|------------|--|---------|----------|--|-----|-----|---|-----|
| 45119_at   |  |         | AI638568 |  | 0   | 0   | 0 | 4.6 |
| 60129_f_at |  |         | R92776   |  | 0.1 | 0.9 |   | 4.6 |
| 49816_at   |  |         | H50751   |  | 1.5 | 0   |   | 4.6 |
| 50968_at   |  |         | AA053842 |  | 1.6 | 1.5 |   | 4.6 |
| 81806_at   | KIAA1681 protein   |         | AI694702 |  | 3.7 | 4.7 |   | 4.6 |
| 44499_at   |  |         | N67390   |  | 7.8 | 3.8 |   | 4.6 |
| 45590_at   |  |         | AI673025 |  | 0.7 | 1   |   | 4.6 |
| 45080_at   |  |         | T03765   |  | 0.6 | 1.3 |   | 4.6 |
| 45700_at   | KIAA1209 protein   |         | AI816833 |  | 2.6 | 1.2 |   | 4.6 |
| 46183_at   |  |         | AI810826 |  | 7   | 6.2 |   | 4.6 |
| 54506_at   |  |         | AI289311 |  | 1.3 | 1.8 |   | 4.6 |
| 64883_at   |  |         | AI744083 |  | 0.9 | 2.9 |   | 4.6 |
| 56005_at   |  |         | AA044906 |  | 3.8 | 2.6 |   | 4.6 |
| 46308_at   | a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 1 | ADAMTS1 | AI810627 |  | 1   | 0.6 |   | 4.6 |
| 47152_at   | hypothetical protein FLJ20291  |         | N32572   |  | 2.1 | 0.8 |   | 4.6 |
| 57347_at   |  |         | AA725801 |  | 0   | 0.8 |   | 4.6 |
| 49101_at   |  |         | AI761058 |  | 4.1 | 1.8 |   | 4.6 |
| 47641_at   |  |         | AI732810 |  | 1   | 3.1 |   | 4.6 |
| 1827_s_at  |  |         | M13929   |  | 0.9 | 0   |   | 4.6 |
| 64832_at   |  |         | AA113447 |  | 1   | 0.7 |   | 4.6 |
| 63121_at   |  |         | T88970   |  | 4.2 | 1.3 |   | 4.6 |
| 54096_at   |  |         | 3149758  |  | 1.8 | 0.4 |   | 4.6 |
| 75380_at   |  |         | AA099289 |  | 2.1 | 2.9 |   | 4.6 |
| 85307_at   |  |         | AI469339 |  | 4.1 | 1.2 |   | 4.6 |
| 76239_r_at |  |         | AA059247 |  | 2.6 | 3.9 |   | 4.6 |
| 824_at     | glutathione-S-transferase like; glutathione transferase omega                                |         | U90313   |  | 0.4 | 0   |   | 4.6 |
| 38605_at   | NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1 (7kD, MNLL)                             | NDUFB1  | AI345944 |  | 3.5 | 2.1 |   | 4.6 |
| 40955_at   | prostate tumor over expressed gene 1   | PTOV1   | U79287   |  | 5.2 | 2.6 |   | 4.6 |
| 33485_at   | ribosomal protein L4   | RPL4    | D23660   |  | 3   | 1.9 |   | 4.6 |
| 39672_at   | protein tyrosine phosphatase, non-receptor type 7  | PTPN7   | M64322   |  | 3.2 | 4.4 |   | 4.6 |
| 34406_at   | KIAA0602 protein   |         | AB011174 |  | 4.9 | 2.7 |   | 4.6 |
| 34828_at   | polymerase (RNA) II (DNA directed) polypeptide I (14.5kD)                                    | POLR2I  | AL037557 |  | 4   | 2.9 |   | 4.6 |
| 36639_at   | adenylosuccinate lyase   | ADSL    | AF067853 |  | 4.6 | 3   |   | 4.6 |

Figure 13JJJJ

|            |   |          |          |      |     |     |
|------------|---|----------|----------|------|-----|-----|
| 32550_r.at | OCAAT/enhancer binding protein (C/EBP), alpha   | CEBPA    | Y11525   | 5.9  | 4.9 | 4.6 |
| 37029_at   | ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein)                        | ATP5O    | X83218   | 4.1  | 2.2 | 4.6 |
| 48055_at   |   |          | N66640   | 4    | 2.3 | 4.6 |
| 56906_at   |   |          | AA193416 | 4.7  | 4.1 | 4.6 |
| 65578_at   | cathepsin S   | CTSS     | AI817147 | 2.4  | 2.2 | 4.6 |
| 56225_at   |   |          | AI744466 | 5.6  | 3.3 | 4.6 |
| 58780_s.at | hypothetical protein FLJ10357   |          | R42449   | 5    | 2.6 | 4.6 |
| 43053_g.at |   |          | AW025012 | 4.9  | 3.2 | 4.6 |
| 44085_at   |   |          | AL040188 | 4.4  | 4   | 4.6 |
| 46098_at   |   |          | AA402192 | 0.4  | 1.2 | 4.6 |
| 46594_at   | hypothetical protein FLJ20186   |          | AW014780 | 4.5  | 4.3 | 4.6 |
| 54158_at   |   |          | AI453531 | 4.3  | 2.8 | 4.6 |
| 52313_at   | hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit | HADHA    | AI972144 | 3.9  | 2.4 | 4.6 |
| 41113_at   | KIAA0557 protein  |          |          |      |     |     |
| 39080_at   | KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2   | KDEL2    | AI871396 | 1    | 0.4 | 4.5 |
|            |   |          | M88458   | 0    | 0.3 | 4.5 |
| 35527_at   | calcium channel, voltage-dependent, alpha 2/delta subunit 1   | CACNA2D1 | M76559   | 0.5  | 0.4 | 4.5 |
| 40204_at   | chymotrypsin-like   | CTRL     | X71877   | 1.5  | 1.3 | 4.5 |
| 192_at     | TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD  | TAF2F    | U18062   | 1.4  | 1.2 | 4.5 |
| 40570_at   | forkhead box O1A (rhabdomyosarcoma)   | FOXO1A   | AF032885 | 6.1  | 8.1 | 4.5 |
| 40803_at   |   |          | AL050161 | 6.6  | 3.6 | 4.5 |
| 41142_at   | 3-oxoacid CoA transferase   | OXCT     | U62961   | 23   | 3.7 | 4.5 |
| 41232_at   | DKFZP564D116 protein  |          | AL050022 | 1.6  | 0.7 | 4.5 |
| 32227_at   | proteoglycan 1, secretory granule   | PRG1     | X17042   | 7.5  | 5.4 | 4.5 |
| 32780_at   | KIAA0728 protein  |          | AB018271 | 12.4 | 1.6 | 4.5 |
| 32104_i.at | calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma   | CAMK2G   | U66063   | 1.3  | 0.5 | 4.5 |
| 34149_at   | pleiotropic regulator 1 (PRL1, Arabidopsis homolog)   | PLRG1    | W28558   | 1.1  | 0   | 4.5 |
| 34299_at   | zinc finger protein 278   | ZNF278   | AL096880 | 1.7  | 2.9 | 4.5 |
| 38662_at   |   |          | AL047596 | 6    | 9.1 | 4.5 |
| 35321_at   | tousled-like kinase 2   | TLK2     | AB004884 | 7.8  | 7.3 | 4.5 |

Figure 13KKKK

|            |  |         |          |      |     |     |
|------------|--|---------|----------|------|-----|-----|
| 35346_at   | FEM-1 (C.elegans) homolog b  | FEM1B   | AB007856 | 0.8  | 1   | 4.5 |
| 195_s_at   | caspase 4, apoptosis-related cysteine protease   | CASP4   | U28014   | 11.6 | 8.7 | 4.5 |
| 1271_g_at  | v-rel avian reticuloendotheliosis viral oncogene homolog A<br>(nuclear factor of kappa light polypeptide gene enhancer in B-<br>cells 3 (p65)) | RELA    | L19067   | 3.6  | 2.9 | 4.5 |
| 32439_at   | ATPase, H <sup>+</sup> /K <sup>+</sup> exchanging, beta polypeptide  | ATP4B   | M75110   | 0.7  | 0.7 | 4.5 |
| 38105_at   | hypothetical protein FLJ11021 similar to splicing factor,<br>arginine/serine-rich 4  |         | W26521   | 1.9  | 0.6 | 4.5 |
| 37645_at   | CD69 antigen (p60, early T-cell activation antigen)  | CD69    | Z22576   | 3.9  | 0.8 | 4.5 |
| 1064_at    | protein tyrosine kinase 9  | PTK9    | U02680   | 2.2  | 1   | 4.5 |
| 38440_s_at | hypothetical protein   |         | AA015605 | 0.1  | 2.8 | 4.5 |
| 49880_at   |  |         | R60061   | 2    | 1.6 | 4.5 |
| 56143_at   |  |         | N32840   | 1.8  | 0.7 | 4.5 |
| 48158_at   | transforming, acidic coiled-coil containing protein 3  | TACC3   | AA098825 | 1.1  | 1.1 | 4.5 |
| 56806_at   |  |         | A1809891 | 1.5  | 3.3 | 4.5 |
| 50757_at   |  |         | AA418074 | 3.3  | 1.3 | 4.5 |
| 54686_at   | thyroid hormone receptor-associated protein, 240 kDa subunit   |         | AA122265 | 3    | 2.5 | 4.5 |
| 66519_at   |  |         | AA845423 | 0.8  | 1.2 | 4.5 |
| 47460_at   |  |         | N64794   | 9.4  | 2.7 | 4.5 |
| 48854_i_at |  |         | AW025683 | 4    | 2.1 | 4.5 |
| 51367_at   |  |         | A189446  | 0.2  | 0.8 | 4.5 |
| 80256_at   |  |         | A167159  | 0    | 0.2 | 4.5 |
| 62081_at   |  |         | A1209079 | 1.4  | 0   | 4.5 |
| 47144_at   | ASB-1 protein  |         | A1018173 | 5.7  | 4.1 | 4.5 |
| 61971_at   |  |         | A1986197 | 1.5  | 0.4 | 4.5 |
| 57838_at   | hypothetical protein FLJ10111  |         | AA196477 | 2.3  | 2.4 | 4.5 |
| 82914_at   |  |         | A1767564 | 1.9  | 2.4 | 4.5 |
| 65814_at   |  |         | N95618   | 5.5  | 5.2 | 4.5 |
| 59566_at   |  |         | AA705681 | 5.2  | 1.5 | 4.5 |
| 62147_at   | hypothetical protein FLJ11155  |         | A1265860 | 4.2  | 0.5 | 4.5 |
| 43784_r_at | tumor necrosis factor receptor superfamily, member 7   | TNFRSF7 | H83425   | 0.5  | 1.7 | 4.5 |
| 60504_at   |  |         | A1859849 | 13   | 3.8 | 4.5 |
| 65670_at   |  |         | AA489239 | 1.7  | 0   | 4.5 |
| 44977_g_at |  |         | A1972721 | 0    | 0.1 | 4.5 |

Figure 131LLL

|            |  |        |        |          |      |     |     |
|------------|--|--------|--------|----------|------|-----|-----|
| 73725_at   |  |        |        | AI991175 | 1.3  | 1.8 | 4.5 |
| 65225_r_at |  |        |        | R93729   | 2.8  | 2.5 | 4.5 |
| 56955_f_at |  |        |        | H95587   | 1.4  | 0.4 | 4.5 |
| 45739_at   | hypothetical protein FLJ11210  |        |        | AA056538 | 0    | 0   | 4.5 |
| 51680_at   | matrix Gla protein   | MGP    |        | AW023159 | 2.1  | 0.6 | 4.5 |
| 58618_at   |  |        |        | AI741373 | 0.8  | 0.4 | 4.5 |
| 69126_at   |  |        |        | AA470958 | 0.6  | 4.2 | 4.5 |
| 64086_at   |  |        |        | AA004211 | 1.1  | 0.5 | 4.5 |
| 62712_r_at |  |        |        | AI870532 | 1.8  | 1.3 | 4.5 |
| 63662_at   |  |        |        | AI126468 | 12.6 | 4.9 | 4.5 |
| 45167_at   | homeo box C9   | HOXC9  |        | AI332412 | 1.6  | 1.2 | 4.5 |
| 46812_at   |  |        |        | N78361   | 0.1  | 0.9 | 4.5 |
| 45654_at   |  |        |        | AI808746 | 1.6  | 1.6 | 4.5 |
| 52977_at   | KIAA1634 protein   |        |        | AI692181 | 0    | 2.6 | 4.5 |
| 51849_at   |  |        |        | AA190571 | 0.9  | 4.3 | 4.5 |
| 88043_g_at | keratin 18   | KRT18  |        | AI984261 | 1.1  | 2   | 4.5 |
| 55879_at   |  |        |        | Z40682   | 0.3  | 0.9 | 4.5 |
| 46663_at   |  |        |        | AI147033 | 2.2  | 1.7 | 4.5 |
| 64921_at   | hypothetical protein FLJ10587  |        |        | N29706   | 2.3  | 1.8 | 4.5 |
| 42247_at   |  |        |        | AA460661 | 2    | 1.4 | 4.5 |
| 76101_at   |  |        |        | AA243778 | 1.8  | 0.8 | 4.5 |
| 38990_at   | F-box only protein 9   | FBXO9  |        | AL031178 | 3.6  | 1.6 | 4.5 |
| 1228_s_at  | meningioma expressed antigen 6 (coiled-coil proline-rich)  | MGEA6  |        | U73682   | 2.6  | 2.3 | 4.5 |
| 36194_at   | low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1) | LRPAP1 |        | M63959   | 3.9  | 0.5 | 4.5 |
| 37730_at   | EBNA-2 co-activator (100kD)  |        |        | U22055   | 1.5  | 0.9 | 4.5 |
| 38050_at   | KIAA0164 gene product  |        |        | D79986   | 3.4  | 1.7 | 4.5 |
| 38713_at   | septin 3   |        | 03-Sep | Z99716   | 4.9  | 1   | 4.5 |
| 53799_at   | hypothetical protein similar to mouse Dnal1  |        |        | AA628434 | 0    | 0.4 | 4.5 |
| 43406_s_at | ZAP3 protein   |        |        | AA890650 | 4.4  | 3.1 | 4.5 |
| 58410_at   | cat eye syndrome chromosome region, candidate 1  | CECR1  |        | AI572068 | 3.7  | 3.4 | 4.5 |
| 49569_at   | hypothetical protein FLJ20281  |        |        | AI690893 | 5.1  | 4.2 | 4.5 |
| 63544_at   |  |        |        | N33295   | 3.9  | 2.7 | 4.5 |
| 66112_at   | translocase of inner mitochondrial membrane 17 (yeast) homolog A   |        |        | AA234191 | 3.3  | 1.4 | 4.5 |

Figure 13MMMMM

|            |  |        |          |      |      |     |
|------------|--|--------|----------|------|------|-----|
| 56310_at   | hypothetical protein FLJ10893  |        | AI824054 | 3.1  | 1.6  | 4.5 |
| 51163_at   | hypothetical protein FLJ22405  |        | AA115361 | 3.6  | 2.9  | 4.5 |
| 57031_at   | ZYG homolog  |        | AI991574 | 0.7  | 2.1  | 4.5 |
| 65762_at   |  |        | AI207792 | 3.8  | 1.2  | 4.5 |
| 65748_at   |  |        | AA531437 | 2.9  | 1.6  | 4.5 |
| 52596_f.at |  |        | R52511   | 2.3  | 0.8  | 4.5 |
| 64486_at   | hypothetical protein DKFp762I166   |        | AI341234 | 4    | 2.2  | 4.5 |
| 64487_at   |  |        | H16514   | 1.8  | 1.1  | 4.5 |
| 45115_at   |  |        | AA909042 | 4.3  | 4.2  | 4.5 |
| 45484_at   | non-metastatic cells 3, protein expressed in                                     | NME3   | AW014797 | 3.2  | 3.1  | 4.5 |
| 46311_at   | CGI-139 protein  |        | AI525879 | 4    | 2    | 4.5 |
| 66120_at   |  |        | AI769737 | 4.2  | 3.3  | 4.5 |
| 39872_at   | cadherin, EGF LAG seven-pass G-type receptor 1, flamingo                         | CELSR1 | AL031588 | 1.7  | 0.8  | 4.4 |
| 41856_at   | (Drosophila) homolog   |        |          |      |      |     |
| 39708_at   | signal transducer and activator of transcription 3 (acute-phase response factor) | STAT3  | AL049370 | 0.9  | 0.3  | 4.4 |
|            |  |        | L29277   | 13.3 | 5.3  | 4.4 |
| 37887_at   | protein kinase Chk2  |        | AF086904 | 0    | 0    | 4.4 |
| 763_at     | glia maturation factor, beta   | GMFB   | AB001106 | 0    | 1.3  | 4.4 |
| 33072_at   | hypocretin (orexin) receptor 2   | HCRTR2 | AF041245 | 2.2  | 0    | 4.4 |
| 40257_at   | ribosomal protein S28  | RPS28  | AI400011 | 0    | 2    | 4.4 |
| 1456_s.at  | interferon, gamma-inducible protein 16   | IFI16  | M63838   | 0.4  | 2.3  | 4.4 |
| 40792_s.at | triple functional domain (PTPRF interacting)                                     | TRIO   | AF091395 | 1    | 0.4  | 4.4 |
| 40861_at   | MORF-related gene X  |        | D14812   | 1.9  | 1.3  | 4.4 |
| 33687_at   |  |        | AL049782 | 0.7  | 0.2  | 4.4 |
| 36242_at   | small proline-rich protein 2C  | SPRR2C | M21539   | 1.5  | 1.4  | 4.4 |
| 33471_g.at |  |        | AF052177 | 2.1  | 0.6  | 4.4 |
| 32739_at   | KIAA1117 protein   |        | AA001791 | 0.8  | 0.7  | 4.4 |
| 41013_at   |  |        | AL080114 | 1.3  | 0    | 4.4 |
| 36276_at   | contactin 2 (axonal)   | CNTN2  | X67734   | 0.5  | 0.4  | 4.4 |
| 36294_at   | serine/threonine kinase 4  | STK4   | U60207   | 10   | 10.6 | 4.4 |
| 37828_at   | hypothetical protein FLJ11220  |        | AL050064 | 4.5  | 1.2  | 4.4 |
| 35978_at   | proline-rich Gla (G-carboxyglutamic acid) polypeptide 1                          | PRRG1  | AF009242 | 6.3  | 1.3  | 4.4 |
| 1728_at    | murine leukemia viral (bmi-1) oncogene homolog                                   | BMI1   | L13689   | 4.1  | 0.4  | 4.4 |
| 35317_at   | meningioma expressed antigen 5 (hyaluronidase)                                   | MGEA5  | AB014579 | 3    | 3.3  | 4.4 |

Figure 13NNNN

|            |  |         |  |  |  |  |  |  |  |
|------------|--|---------|--|--|--|--|--|--|--|
| 35793_at   | Ras-GTPase activating protein SH3 domain-binding protein 2 |         |  |  |  |  |  |  |  |
| 36118_at   | nuclear receptor coactivator 1                             | NCOA1   |  |  |  |  |  |  |  |
| 36641_at   | capping protein (actin filament) muscle Z-line, alpha 2    | CAPZA2  |  |  |  |  |  |  |  |
| 1519_at    | vets avian erythroblastosis virus E26 oncogene homolog 2   | ETS2    |  |  |  |  |  |  |  |
| 46774_i_at |  |         |  |  |  |  |  |  |  |
| 63056_r_at | prostate cancer associated protein 1                       | PCANAP1 |  |  |  |  |  |  |  |
| 76105_at   |  |         |  |  |  |  |  |  |  |
| 66443_at   |  |         |  |  |  |  |  |  |  |
| 66523_at   |  |         |  |  |  |  |  |  |  |
| 59148_at   |  |         |  |  |  |  |  |  |  |
| 66829_at   |  |         |  |  |  |  |  |  |  |
| 61992_i_at |  |         |  |  |  |  |  |  |  |
| 53880_at   |  |         |  |  |  |  |  |  |  |
| 48716_at   | endoplasmic reticulum oxidoreductin 1-Lbeta                |         |  |  |  |  |  |  |  |
| 91364_at   |  |         |  |  |  |  |  |  |  |
| 59274_at   |  |         |  |  |  |  |  |  |  |
| 62923_at   |  |         |  |  |  |  |  |  |  |
| 84235_at   | pre-B-cell leukemia transcription factor 1                 | PBX1    |  |  |  |  |  |  |  |
| 81168_at   |  |         |  |  |  |  |  |  |  |
| 58301_at   |  |         |  |  |  |  |  |  |  |
| 47239_r_at |  |         |  |  |  |  |  |  |  |
| 83874_at   |  |         |  |  |  |  |  |  |  |
| 56066_at   |  |         |  |  |  |  |  |  |  |
| 51942_at   |  |         |  |  |  |  |  |  |  |
| 86613_at   |  |         |  |  |  |  |  |  |  |
| 87506_at   |  |         |  |  |  |  |  |  |  |
| 63104_at   |  |         |  |  |  |  |  |  |  |
| 68969_at   |  |         |  |  |  |  |  |  |  |
| 80894_at   | histone acetyltransferase                                  |         |  |  |  |  |  |  |  |
| 49168_at   |  |         |  |  |  |  |  |  |  |
| 52522_at   |  |         |  |  |  |  |  |  |  |
| 79405_at   | poly(A)-binding protein, cytoplasmic 1-like                |         |  |  |  |  |  |  |  |
| 50100_at   |  |         |  |  |  |  |  |  |  |
| 87485_r_at |  |         |  |  |  |  |  |  |  |
| 68299_at   |  |         |  |  |  |  |  |  |  |

Figure 130000



|            |  |        |          |     |     |     |
|------------|--|--------|----------|-----|-----|-----|
| 34826_at   | succinate dehydrogenase complex, subunit A, flavoprotein (Fp)                                      | SDHA   | L21936   | 3.6 | 0.8 | 4.4 |
| 39086_g_at | single-stranded DNA-binding protein  | SSBP   | AA768912 | 2.6 | 1.2 | 4.4 |
| 75026_s_at | methylene tetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase | MTHFD2 | AI990317 | 0   | 0.6 | 4.4 |
| 54869_at   |  |        | AA287799 | 3.9 | 3.7 | 4.4 |
| 63840_r_at | hypothetical protein FLJ22318  |        | AA151600 | 2.1 | 2.4 | 4.4 |
| 51149_at   |  |        | AA421991 | 0.9 | 3.8 | 4.4 |
| 45339_at   | CGI-39 protein; cell death-regulatory protein GRIM19   |        | AA181145 | 3.3 | 3.7 | 4.4 |
| 45335_at   | CGI-28 protein   |        | AI037884 | 4.1 | 2.7 | 4.4 |
| 44654_at   |  |        | AI669655 | 3.4 | 4   | 4.4 |
| 51239_at   | hypothetical protein FLJ23239  |        | W67828   | 4.9 | 3.8 | 4.4 |
| 52159_at   | HEMK homolog 7kb   |        | W93807   | 2.4 | 1.7 | 4.4 |
| 50071_at   |  |        | AL042592 | 3.3 | 3.1 | 4.4 |
| 65930_at   | 30S ribosomal protein S7 homolog   |        | N78337   | 4.3 | 2.5 | 4.4 |
| 48731_at   |  |        | AI948491 | 4.1 | 1.6 | 4.4 |
| 38973_at   | KIAA1020 protein   |        | AB028943 | 1   | 0.8 | 4.3 |
| 38149_at   | KIAA0053 gene product  |        | D29642   | 9.1 | 8.7 | 4.3 |
| 32673_at   | butyrophilin, subfamily 2, member A1   | BTN2A1 | U90543   | 6.5 | 2.5 | 4.3 |
| 1804_at    | kalikrein 3, (prostate specific antigen)   | KLK3   | X07730   | 1   | 0.7 | 4.3 |
| 41213_at   | peroxiredoxin 1  | PRDX1  | X67951   | 0.4 | 1.9 | 4.3 |
| 32244_at   | KIAA0737 gene product  |        | AB018280 | 1.5 | 1.5 | 4.3 |
| 1770_at    | interferon, alpha 2  | IFNA2  | J00207   | 0.9 | 0   | 4.3 |
| 34253_at   | KIAA0197 protein   |        | D83781   | 2.9 | 5.2 | 4.3 |
| 39508_at   | N-myc downstream-regulated gene 2  | NDRG2  | AI201607 | 2.9 | 1.8 | 4.3 |
| 36256_at   | limbic system-associated membrane protein  | LSAMP  | U41901   | 1.7 | 1.5 | 4.3 |
| 38982_at   | TRF2-interacting telomeric RAP1 protein  |        | W28865   | 4.4 | 1.6 | 4.3 |
| 37383_f_at | major histocompatibility complex, class I, B   | HLA B  | X58536   | 4   | 2.7 | 4.3 |
| 32140_at   | soritin-related receptor, L(DLR class) A repeats-containing  | SORL1  | Y08110   | 1.1 | 0.7 | 4.3 |
| 35228_at   | carnitine palmitoyltransferase I, muscle   | CPT1B  | Y08682   | 2.5 | 4.5 | 4.3 |
| 34575_f_at | melanoma antigen, family A, 5  | MAGEA5 | U10689   | 3   | 0.4 | 4.3 |
| 35726_at   | S100 calcium-binding protein A2  | S100A2 | AI539439 | 2.7 | 0.6 | 4.3 |
| 35987_g_at | member of MYST family histone acetyl transferases, homolog of Drosophila MOF                       |        | AL050395 | 0   | 0   | 4.3 |
| 40005_at   | alkylation repair, alkB homolog  |        | X91992   | 2.4 | 1.7 | 4.3 |

Figure 13QQQQ



|            |  |       |          |     |     |     |
|------------|--|-------|----------|-----|-----|-----|
| 36755_s_at | interleukin 5 receptor, alpha  | IL5RA | M75914   | 0.6 | 0.5 | 4.3 |
| 40337_at   | fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included) | FUT1  | M35531   | 1.8 | 0.9 | 4.3 |
| 886_at     | deoxycytidine kinase   | DKK   | M60527   | 0.3 | 2.5 | 4.3 |
| 37340_at   | methionine adenosyltransferase II, alpha   | MAT2A | W27954   | 3.8 | 1.1 | 4.3 |
| 40677_at   | protein predicted by clone 23882   |       | AF054984 | 2.1 | 8.1 | 4.3 |
| 37964_at   | ring finger protein 3  | RNF3  | W25793   | 0.9 | 2.2 | 4.3 |
| 55747_at   |  |       | AA534565 | 2.3 | 1.6 | 4.3 |
| 50729_at   |  |       | N39954   | 8.4 | 2.8 | 4.3 |
| 56940_g_at |  |       | AI963304 | 4.4 | 3.6 | 4.3 |
| 50787_at   |  |       | AA527219 | 3.7 | 3.8 | 4.3 |
| 42502_at   |  |       | AA628983 | 3.7 | 2.8 | 4.3 |
| 47188_at   |  |       | AA677561 | 1.3 | 2.4 | 4.3 |
| 61114_at   | ribulose-5-phosphate-3-epimerase   | RPE   | AA252480 | 0.8 | 1.9 | 4.3 |
| 77879_at   |  |       | AI024938 | 1.9 | 2.7 | 4.3 |
| 51243_at   |  |       | R93374   | 0.3 | 1.4 | 4.3 |
| 46813_at   | hair/enhancer-of-split related with YRPW motif 2   | HEY2  | N46845   | 0.7 | 1.2 | 4.3 |
| 79982_at   |  |       | AI793177 | 1.8 | 0.8 | 4.3 |
| 61583_at   |  |       | AI193207 | 0.5 | 1.4 | 4.3 |
| 63188_at   |  |       | AA948597 | 1.9 | 2   | 4.3 |
| 83904_at   |  |       | AI985614 | 4   | 2   | 4.3 |
| 55253_at   |  |       | AA621047 | 4.1 | 3.8 | 4.3 |
| 84746_at   |  |       | AA278620 | 0   | 0.6 | 4.3 |
| 84588_at   |  |       | AI691077 | 4.9 | 2.9 | 4.3 |
| 42884_r_at | hypothetical protein MGC2628   |       | AA018217 | 2.8 | 1.3 | 4.3 |
| 64281_s_at | upregulated by 1,25-dihydroxyvitamin D-3   |       | AW026672 | 0   | 0   | 4.3 |
| 86380_at   |  |       | AI718112 | 1   | 0.8 | 4.3 |
| 63279_at   |  |       | R67641   | 2.4 | 3.8 | 4.3 |
| 49234_s_at | KIAA1389 protein   |       | AI436735 | 0.4 | 3.3 | 4.3 |
| 43754_at   |  |       | AA194720 | 1.5 | 1.4 | 4.3 |
| 79392_at   |  |       | AI200514 | 8.5 | 2.6 | 4.3 |
| 68694_at   |  |       | AA883987 | 3   | 0.4 | 4.3 |
| 43628_at   |  |       | H94876   | 2.8 | 2.6 | 4.3 |
| 88409_at   |  |       | AI652505 | 0.9 | 1.6 | 4.3 |
| 59629_at   | putative G protein-coupled receptor 92   |       | AA864327 | 1.9 | 2.8 | 4.3 |

Figure 13RRRR

|            |  |       |          |      |      |     |
|------------|--|-------|----------|------|------|-----|
| 45296_at   | KIAA1631 protein   |       | A1986035 | 12   | 13   | 4.3 |
| 63481_at   |  |       | AA059478 | 1.3  | 1.5  | 4.3 |
| 52204_at   |  |       | AA894564 | 4.7  | 5    | 4.3 |
| 54675_at   | inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta | IKBKB | AA521493 | 2.2  | 1.6  | 4.3 |
| 63729_f.at |  |       | N69123   | 1.1  | 0.2  | 4.3 |
| 65403_at   |  |       | AA056995 | 1.1  | 2.1  | 4.3 |
| 67687_at   | high-mobility group (nonhistone chromosomal) protein 1                     | HMG1  | A1191227 | 0    | 0    | 4.3 |
| 55372_at   | hypothetical protein DKFp762L1710  |       | A1831481 | 0.4  | 1.4  | 4.3 |
| 52576_s.at | spodin 2, extracellular matrix protein                                     | SPON2 | AW007426 | 0    | 1.9  | 4.3 |
| 53161_r.at |  |       | A1826333 | 1.9  | 3.1  | 4.3 |
| 52790_at   |  |       | A1150158 | 2.8  | 3.1  | 4.3 |
| 44213_at   |  |       | A1559696 | 2.6  | 3.9  | 4.3 |
| 71542_at   |  |       | A1191040 | 1.8  | 1.3  | 4.3 |
| 63077_at   |  |       | A1733697 | 0.3  | 2.4  | 4.3 |
| 44673_at   |  |       | N53555   | 9.5  | 13.7 | 4.3 |
| 60712_at   |  |       | AA394100 | 2    | 0.7  | 4.3 |
| 71544_at   | KIAA0379 protein   |       | AA852371 | 3.3  | 0    | 4.3 |
| 46366_at   |  |       | T79183   | 0.7  | 0.9  | 4.3 |
| 49598_at   |  |       | H79046   | 4.2  | 2.1  | 4.3 |
| 52832_at   |  |       | AA012862 | 1.8  | 3.5  | 4.3 |
| 54354_at   |  |       | AA662774 | 0    | 1.3  | 4.3 |
| 46885_at   |  |       | A1822096 | 0.3  | 0.4  | 4.3 |
| 47570_at   |  |       | A1741392 | 2.1  | 0.3  | 4.3 |
| 48243_at   |  |       | A1857897 | 0.4  | 2.2  | 4.3 |
| 91324_at   |  |       | AA149539 | 4.6  | 1    | 4.3 |
| 48300_at   |  |       | AA713522 | 6.2  | 2.4  | 4.3 |
| 62992_at   |  |       | A1214996 | 25.6 | 10   | 4.3 |
| 57285_at   |  |       | AA933717 | 1.9  | 2.2  | 4.3 |
| 51553_at   |  |       | T90529   | 4.9  | 1.4  | 4.3 |
| 51613_f.at |  |       | A1336271 | 2.9  | 3.1  | 4.3 |
| 49378_f.at |  |       | A1041389 | 9.7  | 2.8  | 4.3 |
| 52909_at   |  |       | 3096417  | 3.2  | 2.1  | 4.3 |
| 73258_at   |  |       | A1675987 | 1.3  | 1    | 4.3 |
| 87058_at   |  |       | T90289   | 0    | 0.9  | 4.3 |

Figure 13SSSS

|            |  |        |          |      |     |     |
|------------|--|--------|----------|------|-----|-----|
| 39043_at   | actin related protein 2/3 complex, subunit 1A (41 kD)  | ARPC1B | AF006084 | 2.7  | 1.3 | 4.3 |
| 41865_at   |  |        | AF052185 | 4.4  | 3.3 | 4.3 |
| 40266_at   | KIAA1036 protein   |        | AB028959 | 3.9  | 3.7 | 4.3 |
| 32622_at   | dynamitin 2  | DNM2   | L36983   | 4.5  | 0.1 | 4.3 |
| 40568_at   | ATPase, H <sup>+</sup> transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2                  | ATP6B2 | L35249   | 3.2  | 1.8 | 4.3 |
| 32824_at   | ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)  | CLN2   | AF039704 | 3.8  | 0.8 | 4.3 |
| 35238_at   | TNF receptor-associated factor 5   | TRAF5  | AB000509 | 3.5  | 1.5 | 4.3 |
| 35688_g_at | mature T-cell proliferation 1  | MTCP1  | Z24459   | 5.3  | 2.6 | 4.3 |
| 36628_at   | ralA binding protein 1   | RALBP1 | L42542   | 4.9  | 2   | 4.3 |
| 36635_at   | ATPase, Class VI, type 11B   | ATP11B | AB023173 | 3.8  | 1.2 | 4.3 |
| 38733_at   | X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining; Ku autoantigen, 80kD) | XRCC5  | M30938   | 4.8  | 1   | 4.3 |
| 37966_at   | beta-parvin  |        | AA187563 | 2.9  | 0.6 | 4.3 |
| 39135_at   | KIAA0767 protein   |        | AB018310 | 4.5  | 3.7 | 4.3 |
| 39173_at   | fibrillarin  | FBL    | X56597   | 3    | 3.1 | 4.3 |
| 56362_at   | hypothetical protein FLJ20585  |        | AA121624 | 1.1  | 1   | 4.3 |
| 56520_at   | nudix (nucleoside diphosphate linked moiety X)-type motif 5  | NUDT5  | AI188576 | 4.8  | 3.3 | 4.3 |
| 90610_at   | leucine-rich neuronal protein  | LRN    | AI654857 | 3.3  | 2.5 | 4.3 |
| 53906_at   | differentially expressed in FDCP (mouse homolog) 6   | DEF6   | AA523303 | 4.3  | 4.3 | 4.3 |
| 61668_at   |  |        | AI963090 | 5    | 2.9 | 4.3 |
| 43798_s_at |  |        | AI347938 | 3.5  | 2.1 | 4.3 |
| 60863_s_at | hypothetical protein from EUROIMAGE 2021883  |        | AA526910 | 3.9  | 2.8 | 4.3 |
| 58595_f_at | CD24 antigen (small cell lung carcinoma cluster 4 antigen)   | CD24   | AA551303 | 2.6  | 3   | 4.3 |
| 49110_s_at |  |        | T48132   | 3.8  | 2.6 | 4.3 |
| 58528_s_at |  |        | AI760772 | 0    | 0.9 | 4.3 |
| 53354_at   |  |        | AI668938 | 4.1  | 2.2 | 4.3 |
| 51984_at   |  |        | AA148813 | 0.6  | 1.8 | 4.3 |
| 49210_s_at | hypothetical protein FLJ13576  |        | AW023011 | 4.2  | 3.2 | 4.3 |
| 49914_at   | hypothetical protein dJ511E16.2  |        | AA147044 | 2.7  | 2.3 | 4.3 |
| 560_s_at   |  |        | M63589   | 4.3  | 4.3 | 4.3 |
| 38970_s_at | Nef-associated factor 1  |        | AJ011896 | 26.4 | 7.6 | 4.2 |
| 41457_at   | KIAA0423 protein   |        | AB007883 | 1.5  | 3.9 | 4.2 |

Figure 13TTTT

|            |   |         |          |      |     |     |
|------------|---|---------|----------|------|-----|-----|
| 34955_at   | ATP-binding cassette, sub-family C (CFTR/MRP), member 4                         | ABCC4   | AF071202 | 1    | 2.1 | 4.2 |
| 40219_at   | HMBA-inducible  |         | A1796944 | 5.5  | 0   | 4.2 |
| 36334_at   | lymphocyte antigen 9  | LY9     | L42621   | 0.8  | 2.4 | 4.2 |
| 1134_at    | activated p21cdc42Hs kinase   |         | L13738   | 2.3  | 2.9 | 4.2 |
| 31888_s_at | tumor suppressing subtransferable candidate 3                                   | TSSC3   | AF001294 | 5.9  | 2.6 | 4.2 |
| 32119_at   |   |         | AL049423 | 1.4  | 0.5 | 4.2 |
| 40494_at   | death effector domain-containing  | DEDD    | AF043733 | 2.2  | 2.5 | 4.2 |
| 40501_s_at | myosin-binding protein C, slow type   | MYBPC1  | X73114   | 2    | 0   | 4.2 |
| 40791_at   | polymerase (RNA) II (DNA directed) polypeptide A (220KD)                        | POLR2A  | X63564   | 5.6  | 3.1 | 4.2 |
| 40831_at   | DKFZP586B0923 protein   |         | AL050190 | 2.8  | 1.8 | 4.2 |
| 33708_at   | prostate cancer overexpressed gene 1  | POV1    | AF045584 | 2.3  | 0.6 | 4.2 |
| 35940_at   | POU domain, class 4, transcription factor 1                                     | POU4F1  | X64624   | 0.2  | 0.4 | 4.2 |
| 33840_at   | tumor protein D52   | TPD52   | U18914   | 1.7  | 0.7 | 4.2 |
| 33870_at   | putative zinc finger protein  |         | AB029005 | 2.4  | 1.4 | 4.2 |
| 31669_s_at | homeo box A11   | HOXA11  | AF039307 | 2.7  | 0   | 4.2 |
| 38138_at   | S100 calcium-binding protein A11 (calgizzarin)                                  | S100A11 | D38583   | 3.5  | 2.3 | 4.2 |
| 41532_at   | zinc finger protein 151 (pHZ-67)  | ZNF151  | Y09723   | 13.8 | 5.4 | 4.2 |
| 39964_at   | retinitis pigmentosa 2 (X-linked recessive)                                     | RP2     | AJ007590 | 3.4  | 2   | 4.2 |
| 36991_at   | splicing factor, arginine/serine-rich 4   | SFRS4   | L14076   | 5.4  | 5.3 | 4.2 |
| 37391_at   | cathepsin L   | CTSL    | X12451   | 6.8  | 9.3 | 4.2 |
| 37273_at   |   |         | AF007153 | 1    | 2.5 | 4.2 |
| 38405_at   | fragile X mental retardation, autosomal homolog 1                               | FXR1    | U25165   | 0.7  | 0.9 | 4.2 |
| 38441_s_at | membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen) | MCP     | X59408   | 2.9  | 4.1 | 4.2 |
| 55376_at   | MIL1 protein  |         | N66625   | 3.3  | 2.3 | 4.2 |
| 91780_at   |   |         | A1798874 | 3.6  | 0.6 | 4.2 |
| 75863_at   |   |         | AL042660 | 0    | 0   | 4.2 |
| 89920_at   |   |         | A1738556 | 1.5  | 0   | 4.2 |
| 77070_at   |   |         | A1949912 | 1.8  | 2.2 | 4.2 |
| 60402_at   |   |         | A1124014 | 0.8  | 1.7 | 4.2 |
| 61255_at   |   |         | N36377   | 0.1  | 0.1 | 4.2 |
| 47221_at   |   |         | H58608   | 3    | 3.9 | 4.2 |
| 47898_at   |   |         | A1566854 | 0    | 4   | 4.2 |
| 53896_at   |   |         | AA147213 | 2.7  | 1.3 | 4.2 |
| 47108_at   | LIM protein (similar to rat protein kinase C-binding enigma)                    |         | AA196325 | 0    | 3   | 4.2 |

Figure 13UUUU

|            |  |         |          |      |      |     |
|------------|--|---------|----------|------|------|-----|
| 48757_at   | EH domain containing 1   | EHD1    | AI986040 | 53.8 | 2.9  | 4.2 |
| 82064_at   |  |         | AA552150 | 3.8  | 2.5  | 4.2 |
| 67375_at   |  |         | AI829707 | 3.8  | 2.4  | 4.2 |
| 60421_at   | RPA-binding trans-activator  |         | N32669   | 1.2  | 1.4  | 4.2 |
| 48556_at   | HIV TAT specific factor 1  | HTATSF1 | AA581365 | 16.4 | 6.4  | 4.2 |
| 62744_at   | guanine nucleotide binding protein beta subunit 4                                      |         | AI857603 | 1    | 4.5  | 4.2 |
| 85760_r_at |  |         | AI680362 | 0.6  | 0.8  | 4.2 |
| 86062_r_at |  |         | R91428   | 0    | 1.6  | 4.2 |
| 62673_at   |  |         | N92444   | 2.3  | 2.4  | 4.2 |
| 58394_g_at | RNA binding motif protein 3  | RBM3    | AI953114 | 3.6  | 1.4  | 4.2 |
| 62683_at   |  |         | AA034014 | 1.2  | 2.1  | 4.2 |
| 48597_at   |  |         | AI871648 | 1.9  | 3.6  | 4.2 |
| 65676_at   |  |         | AA115819 | 2.5  | 1    | 4.2 |
| 67713_r_at |  |         | AI986192 | 57.5 | 31.9 | 4.2 |
| 48172_at   |  |         | R84376   | 0    | 0.8  | 4.2 |
| 79179_at   |  |         | AI659829 | 0    | 0    | 4.2 |
| 88595_at   |  |         | AI653291 | 2.6  | 0.8  | 4.2 |
| 69416_at   |  |         | AI693716 | 0.8  | 0.2  | 4.2 |
| 34204_at   | sema domain, immunoglobulin domain (lg), short basic domain, secreted, (semaphorin) 3E | SEMA3E  | AL050043 | 0.4  | 3.1  | 4.2 |
| 52226_at   |  |         | H16779   | 10.5 | 3.6  | 4.2 |
| 74282_at   |  |         | AW005199 | 1.6  | 4    | 4.2 |
| 80476_at   |  |         | T16443   | 0.7  | 0.9  | 4.2 |
| 56736_r_at | GRB2-associated binding protein 1  | GAB1    | AW022256 | 0.8  | 1.6  | 4.2 |
| 44955_l_at |  |         | N75945   | 3.9  | 1.8  | 4.2 |
| 51481_r_at |  |         | N55558   | 2.5  | 0.9  | 4.2 |
| 52770_at   | LIS1-interacting protein NUDE1, rat homolog  |         | AI857685 | 3.9  | 4.3  | 4.2 |
| 54193_at   |  |         | AA458742 | 1.9  | 0    | 4.2 |
| 75644_r_at |  |         | AI355014 | 3.7  | 0.4  | 4.2 |
| 61963_at   | vanilloid receptor-related osmotically activated channel; OTRPC4 protein               |         | AI674479 | 0.7  | 0.6  | 4.2 |
| 51502_at   |  |         | N62096   | 0.5  | 1.7  | 4.2 |
| 50997_at   |  |         | AI796264 | 1.8  | 1.3  | 4.2 |
| 80285_r_at |  |         | R98495   | 3.6  | 2.4  | 4.2 |
| 56441_at   |  |         | W05842   | 0.3  | 1.3  | 4.2 |

Figure 13VVVV





|            |  |         |          |     |     |     |
|------------|--|---------|----------|-----|-----|-----|
| 40010_s_at | fragile X mental retardation 2               | FMR2    | L76569   | 0.4 | 1.1 | 4.1 |
| 35301_at   | kininogen                                    |         | AL049941 | 1.4 | 1.7 | 4.1 |
| 37234_at   | annexin A1                                   | KNG     | X05908   | 1.1 | 0   | 4.1 |
| 37403_at   | zinc finger protein 131 (clone pHZ.10)       | ANXA1   | U09410   | 4.4 | 2.6 | 4.1 |
| 37264_at   | KIAA0096 protein                             | ZNF131  | D43636   | 1.9 | 1.3 | 4.1 |
| 37718_at   | GCIP-interacting protein p29                 |         | AL031432 | 2.2 | 4.1 | 4.1 |
| 32792_at   | casein kinase 2, alpha prime polypeptide     | CSNK2A2 | M55268   | 5.1 | 3.2 | 4.1 |
| 37629_at   | CD19 antigen                                 | CD19    | M28170   | 1.6 | 0.5 | 4.1 |
| 1116_at    | nuclear receptor coactivator 4               | NCOA4   | X77548   | 2.5 | 2.9 | 4.1 |
| 39174_at   |  |         | AA058578 | 3.2 | 0.2 | 4.1 |
| 76657_at   |  |         | AA421625 | 0.5 | 0   | 4.1 |
| 46793_at   | hypothetical protein FLJ20533                |         | H23252   | 1.8 | 2.5 | 4.1 |
| 60115_at   |  |         | AI872374 | 0.4 | 0.4 | 4.1 |
| 56945_at   | aspartate beta-hydroxylase                   | ASPH    | AL043737 | 0   | 1.3 | 4.1 |
| 45332_r_at |  |         | AA156838 | 1.5 | 0.6 | 4.1 |
| 47459_at   |  |         | AI290653 | 2.2 | 1.8 | 4.1 |
| 66578_at   |  |         | AI732852 | 4.4 | 2.3 | 4.1 |
| 76825_at   |  |         | AA884474 | 3.5 | 0.4 | 4.1 |
| 48916_at   | p47  |         | AI028262 | 2.1 | 3   | 4.1 |
| 82385_at   | serine protease TADG12                       |         | AA534591 | 1.4 | 0.2 | 4.1 |
| 51097_at   | chloride channel 2                           | CLCN2   | AW003232 | 0.9 | 4.7 | 4.1 |
| 76473_at   | regulator of differentiation (in S. pombe) 1 | ROD1    | AA788925 | 2.5 | 6.5 | 4.1 |
| 91176_at   |  |         | AI792991 | 2.8 | 4   | 4.1 |
| 79949_at   |  |         | AI792635 | 0.6 | 0.5 | 4.1 |
| 53330_at   |  |         | AI222203 | 1.2 | 1.6 | 4.1 |
| 81074_at   |  |         | AA169554 | 3.3 | 0.8 | 4.1 |
| 59328_at   |  |         | AI198875 | 0.6 | 0   | 4.1 |
| 65300_at   |  |         | AI656358 | 2.3 | 1.4 | 4.1 |
| 82312_at   |  |         | AI434767 | 1   | 1.1 | 4.1 |
| 59408_at   |  |         | AA857437 | 2.9 | 1.2 | 4.1 |
| 84869_at   |  |         | AI123917 | 1.4 | 1.8 | 4.1 |
| 47668_at   |  |         | H94605   | 2.9 | 1.9 | 4.1 |
| 59487_at   |  |         | R70662   | 1.1 | 3   | 4.1 |
| 45243_at   |  |         | AI818209 | 0.9 | 0.9 | 4.1 |
|            |  |         |          | 0.5 | 2   | 4.1 |

Figure 13YYY





|            |   |          |          |      |     |     |
|------------|---|----------|----------|------|-----|-----|
| 79940_r_at | ubiquinol-cytochrome c reductase core protein l                                   | UQCRC1   | T96976   | 2.6  | 1.3 | 4.1 |
| 283_at     | ret finger protein  | RFP      | L16842   | 3.8  | 1.7 | 4.1 |
| 40176_at   | E51 (zebrafish) protein, human homolog of   | C21ORF33 | J03407   | 5    | 1.5 | 4.1 |
| 41749_at   | sulfoltransferase family, cytosolic, 1A, phenol-preferring, member 2              | U53003   | U53003   | 4.6  | 3   | 4.1 |
| 32317_s_at |   | SULT1A2  | U34804   | 4.5  | 3.1 | 4.1 |
| 41504_s_at | v-maf musculoaponeurotic fibrosarcoma (avian) oncogene homolog                    | MAF      | AF055376 | 3.9  | 3.2 | 4.1 |
| 35331_at   | catenin (cadherin-associated protein), alpha-like 1                               | CTNNAL1  | U97067   | 4.1  | 3.3 | 4.1 |
| 36537_at   | Rho-specific guanine nucleotide exchange factor p114                              | AB011093 | AB011093 | 3.3  | 1.7 | 4.1 |
| 32510_at   | aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)            | AKR7A2   | AF026947 | 3.5  | 2.1 | 4.1 |
| 32528_at   | CipP (caseinolytic protease, ATP-dependent, proteolytic subunit, E. coli) homolog | CLPP     | Z50853   | 4.3  | 1.2 | 4.1 |
| 48833_at   | HSPC040 protein   |          | A1749098 | 4.1  | 3.2 | 4.1 |
| 52811_at   | aryl hydrocarbon receptor nuclear translocator                                    | ARNT     | A1768497 | 3.1  | 2.1 | 4.1 |
| 43456_at   | serine/threonine protein kinase MASK  |          | A1299952 | 0    | 0.5 | 4.1 |
| 52248_s_at |   |          | A1684273 | 3.7  | 3.1 | 4.1 |
| 56404_at   | CGI-109 protein   |          | H97565   | 1.2  | 1.1 | 4.1 |
| 46242_at   |   |          | AA215796 | 4.1  | 2.8 | 4.1 |
| 50996_s_at | HSCARG protein  |          | A1080701 | 2.1  | 0.7 | 4.1 |
| 48094_at   |   |          | AA531025 | 4.4  | 3.8 | 4.1 |
| 50172_at   |   |          | A1377006 | 2.2  | 3.1 | 4.1 |
| 43795_s_at | NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV)                | NDUFA8   | AW005361 | 3.5  | 2.6 | 4.1 |
| 52908_at   | hypothetical protein FLJ21324   |          | AA865619 | 4.2  | 3.9 | 4.1 |
| 54950_at   |   |          | A1760601 | 3.5  | 3.2 | 4.1 |
| 42633_r_at |   |          | T53591   | 0.5  | 2.1 | 4.1 |
| 45716_at   | RAN, member RAS oncogene family   | RAN      | W81244   | 0.6  | 2.1 | 4   |
| 39016_r_at | keratin 6A  | KRT6A    | L42611   | 0.1  | 0.1 | 4   |
| 1292_at    | dual specificity phosphatase 2  | DUSP2    | L11329   | 18.4 | 2.6 | 4   |
| 31993_f_at |   |          | U80764   | 1.8  | 1.7 | 4   |
| 39916_r_at | ribosomal protein S15   | RPS15    | J02984   | 1.8  | 1.4 | 4   |
| 31687_f_at | hemoglobin, beta  | HBB      | M25079   | 5    | 1.4 | 4   |
| 32068_at   | complement component 3a receptor 1  | C3AR1    | U62027   | 3.5  | 2   | 4   |

Figure 13AAAAAA

|            |   |        |          |      |      |   |
|------------|---|--------|----------|------|------|---|
| 32128_at   | small inducible cytokine subfamily A (Cys-Cys), member 18, pulmonary and activation-regulated | SCYA18 | Y13710   | 7.8  | 7.9  | 4 |
| 38535_at   | distal-less homeobox 4  | DLX4   | U73328   | 0.8  | 0.8  | 4 |
| 41169_at   | plasminogen activator, urokinase receptor   | PLAUR  | X74039   | 8.4  | 4.2  | 4 |
| 1696_at    | polymerase (DNA directed), beta   | POLB   | D29013   | 1.3  | 1.8  | 4 |
| 33668_at   | ribosomal protein L12   | RPL12  | AF037643 | 2.1  | 1.2  | 4 |
| 497_at     | ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease)                 | CLN3   | U32680   | 2.1  | 1.4  | 4 |
| 38928_r_at | tyrosinase (oculocutaneous albinism 1A)   | TYR    | M27160   | 1.4  | 0.4  | 4 |
| 32834_r_at | sudD (suppressor of bimD6, Aspergillus nidulans) homolog                                      | SUDD   | AF013591 | 1.8  | 0.6  | 4 |
| 34216_at   |   |        | AA478904 | 12.3 | 0.3  | 4 |
| 41247_at   |   |        | H12054   | 1.5  | 1    | 4 |
| 38617_at   | LIM domain kinase 2   | LIMK2  | D45906   | 27.3 | 4.4  | 4 |
| 41488_at   | hypothetical protein A-211C6.1  |        | AC002394 | 8.2  | 4.9  | 4 |
| 38676_at   | stress 70 protein chaperone, microsome-associated, 60kD                                       | STCH   | AA059408 | 7.6  | 3.8  | 4 |
| 35221_at   |   |        | X91648   | 2.3  | 0    | 4 |
| 32222_at   | LR8 protein   |        | AA152202 | 18.5 | 14.2 | 4 |
| 36295_at   | zinc finger protein 134 (clone PHZ-15)  |        | U09412   | 1    | 1.1  | 4 |
| 35762_at   | KIAA0483 protein  | ZNF134 | AB007952 | 0    | 0.5  | 4 |
| 35803_at   | ras homolog gene family, member E   | ARHE   | S82240   | 0.9  | 1.2  | 4 |
| 646_s_at   | CDC-like kinase 2   | CLK2   | L29218   | 2.7  | 0.7  | 4 |
| 36155_at   | KIAA0275 gene product   |        | D87465   | 1.2  | 1.1  | 4 |
| 36208_at   | bromodomain-containing 2  | BRD2   | D42040   | 1.3  | 0.6  | 4 |
| 38363_at   | TYRO protein tyrosine kinase binding protein  | TYROBP | W60864   | 1.2  | 2.3  | 4 |
| 2005_s_at  | Janus kinase 3 (a protein tyrosine kinase, leukocyte)   | JAK3   | U31317   | 1.1  | 1.2  | 4 |
| 63867_at   | lysyl oxidase   | LOX    | A191709  | 2.4  | 2.1  | 4 |
| 56847_at   |   |        | A1911070 | 0    | 0    | 4 |
| 58206_at   |   |        | W63702   | 0    | 0.3  | 4 |
| 75747_at   |   |        | AA626334 | 2.3  | 5    | 4 |
| 56460_at   |   |        | AA809379 | 0    | 0    | 4 |
| 76055_at   |   |        | AA707217 | 0.8  | 1.1  | 4 |
| 76905_at   |   |        | A1674760 | 3.4  | 0.7  | 4 |
| 77142_at   |   |        | A1640484 | 3.4  | 1.8  | 4 |
| 76710_at   | cardiotrophin-like cytokine; neurotrophin-1/B-cell stimulating factor-3                       |        | A1040033 | 92.7 | 4.7  | 4 |

Figure 13BBBBBB

|            |                                 |        |  |          |     |     |     |   |
|------------|---------------------------------|--------|--|----------|-----|-----|-----|---|
| 59179_at   |                                 |        |  | T89693   | 0   | 0   | 0   | 4 |
| 59200_at   |                                 |        |  | T78626   | 1.4 | 2.8 |     | 4 |
| 52137_at   |                                 |        |  | A1140767 | 1.3 | 1.4 |     | 4 |
| 52805_at   |                                 |        |  | A1024348 | 0.8 | 0.7 |     | 4 |
| 53873_at   |                                 |        |  | R67688   | 1.9 | 2.1 |     | 4 |
| 80872_at   |                                 |        |  | AA533574 | 0   | 0   | 0.2 | 4 |
| 54757_at   |                                 |        |  | N51283   | 1.5 | 2.7 |     | 4 |
| 63205_at   |                                 |        |  | AA770196 | 2.9 | 3.4 |     | 4 |
| 67051_r_at |                                 |        |  | A1345851 | 1.4 | 2.6 |     | 4 |
| 81565_at   |                                 |        |  | W85907   | 0.7 | 0.4 |     | 4 |
| 50631_at   |                                 |        |  | AA843724 | 0.8 | 1.7 |     | 4 |
| 59000_at   | x 010 protein                   | x 010  |  | AA629304 | 6.6 | 4.8 |     | 4 |
| 51623_at   | DKF2P4341116 protein            |        |  | AA203689 | 1.9 | 1.6 |     | 4 |
| 55656_at   |                                 |        |  | A1651905 | 1.3 | 1.6 |     | 4 |
| 60502_at   |                                 |        |  | A1743953 | 0   | 0   |     | 4 |
| 43115_at   |                                 |        |  | A1686303 | 1.5 | 2.8 |     | 4 |
| 42669_at   | KIAA1304 protein                |        |  | R00834   | 2.9 | 1.8 |     | 4 |
| 43573_at   |                                 |        |  | AA251274 | 1.1 | 2   |     | 4 |
| 68403_at   |                                 |        |  | AA781446 | 1.3 | 0   |     | 4 |
| 43646_at   | zinc finger protein 14 (KOX 6)  | ZNF14  |  | AA599140 | 1.6 | 0.6 |     | 4 |
| 42475_at   |                                 |        |  | T94540   | 2   | 3   |     | 4 |
| 69432_at   |                                 |        |  | A1655716 | 1.2 | 1   |     | 4 |
| 79912_at   |                                 |        |  | AA642419 | 1   | 2.2 |     | 4 |
| 43673_at   |                                 |        |  | A1056293 | 1.5 | 2.3 |     | 4 |
| 89479_at   |                                 |        |  | A1810541 | 0.5 | 1.5 |     | 4 |
| 45308_at   |                                 |        |  | AA114834 | 2.5 | 3.7 |     | 4 |
| 77927_i_at |                                 |        |  | A1743151 | 2   | 0.6 |     | 4 |
| 71619_at   |                                 |        |  | A1936553 | 0.9 | 0.9 |     | 4 |
| 84510_at   | interleukin 20 receptor, alpha  | IL20RA |  | A1800588 | 5.2 | 0.4 |     | 4 |
| 65541_at   |                                 |        |  | AA628960 | 3.2 | 1.9 |     | 4 |
| 43038_r_at | KIAA1363 protein                |        |  | A1769531 | 0   | 8.1 |     | 4 |
| 74131_at   |                                 |        |  | A1989784 | 5.1 | 2   |     | 4 |
| 50354_at   | FK506 binding protein precursor |        |  | N36303   | 2.5 | 3.9 |     | 4 |
| 77105_at   | Fzr1 protein                    |        |  | A1732960 | 0.7 | 2.2 |     | 4 |
| 65416_i_at |                                 |        |  | R91398   | 2.2 | 1.2 |     | 4 |

Figure 13CCCCC

|            |  |  |  |        |          |      |     |   |
|------------|--|--|--|--------|----------|------|-----|---|
| 74456_r.at |  |  |  |        | A1970474 | 6.5  | 5.5 | 4 |
| 61310_at   | hypothetical protein FLJ10335  |  |  |        | AL036075 | 0.4  | 0.4 | 4 |
| 78729_at   |  |  |  |        | A1939307 | 0.6  | 0.3 | 4 |
| 90332_at   |  |  |  |        | AA777061 | 1.6  | 1.9 | 4 |
| 49179_at   | KIAA0493 protein   |  |  |        | AI675152 | 0.7  | 0.6 | 4 |
| 86374_r.at |  |  |  |        | H90328   | 2.2  | 1   | 4 |
| 64583_at   |  |  |  |        | H81933   | 1.7  | 2.8 | 4 |
| 54330_s.at |  |  |  |        | AI827609 | 2.1  | 0.4 | 4 |
| 45624_at   | core1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-<br>galactosyltransferase |  |  |        | AI967968 | 5.2  | 6.9 | 4 |
| 45993_at   |  |  |  |        | N51961   | 4.1  | 2.4 | 4 |
| 58569_r.at | niban protein  |  |  |        | W1308197 | 16.7 | 5.9 | 4 |
| 46084_at   |  |  |  |        | W73092   | 2.1  | 1.6 | 4 |
| 91994_at   | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD)                               |  |  | DDX17  | AA461244 | 4.6  | 0.1 | 4 |
| 59798_r.at | jumping translocation breakpoint   |  |  | JTB    | AW025321 | 0.8  | 1.2 | 4 |
| 75024_at   | adenosine deaminase, RNA-specific  |  |  | ADAR   | R49062   | 7.6  | 9.5 | 4 |
| 66122_at   | butyrophilin, subfamily 3, member A2   |  |  | BTN3A2 | AA888172 | 2.5  | 3.7 | 4 |
| 48327_at   |  |  |  |        | AA831325 | 2.6  | 6.8 | 4 |
| 51697_r.at |  |  |  |        | AA649308 | 4.8  | 3   | 4 |
| 50457_at   |  |  |  |        | AA425877 | 1.2  | 1.1 | 4 |
| 53077_at   |  |  |  |        | 3147488  | 1    | 6.1 | 4 |
| 75607_at   | thyroid hormone receptor interactor 6  |  |  |        | AA778921 | 0.2  | 0.5 | 4 |
| 39341_at   | monoamine oxidase A  |  |  | TRIP6  | AJ001902 | 5.4  | 0.2 | 4 |
| 41771_g.at | KIAA0750 gene product  |  |  | MAOA   | AA420624 | 1.4  | 1.9 | 4 |
| 40848_g.at | lactate dehydrogenase B  |  |  |        | ABO18293 | 4.3  | 4.2 | 4 |
| 33819_at   | macrophage lectin 2 (calcium dependent)  |  |  | LDBB   | X13794   | 3.2  | 2.4 | 4 |
| 33569_at   | UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine<br>kinase                    |  |  |        | D50532   | 4    | 4   | 4 |
| 36515_at   |  |  |  |        | AJ238764 | 2.9  | 1.6 | 4 |
| 33121_g.at | regulator of G-protein signalling 10   |  |  | RGS10  | AF045229 | 3.4  | 1.5 | 4 |
| 38424_at   | KIAA0747 protein   |  |  |        | ABO18290 | 4.3  | 2.9 | 4 |
| 61259_at   |  |  |  |        | W31943   | 3.7  | 3.8 | 4 |
| 80436_at   |  |  |  |        | A1935644 | 3.4  | 3.3 | 4 |
| 44713_at   | HSPC009 protein  |  |  |        | U18006   | 3.4  | 1.9 | 4 |
| 56235_at   | MAD2 (mitotic arrest deficient, yeast, homolog)-like 2                               |  |  | MAD2L2 | AA662845 | 1.2  | 2.6 | 4 |

Figure 13DDDD



|            |  |          |          |     |      |     |
|------------|--|----------|----------|-----|------|-----|
| 40988_at   | YME1 (S.cerevisiae)-like 1   | YME1L1   | AJ132637 | 1.5 | 2.3  | 3.9 |
| 40997_at   | mitogen-activated protein kinase kinase 12   | MAP3K12  | A160963  | 0.7 | 0.5  | 3.9 |
| 41279_f_at | mitogen-activated protein kinase 8 interacting protein 1                                 | MAPK8IP1 | AF007134 | 2   | 2.2  | 3.9 |
| 31671_at   | RNA binding motif, single stranded interacting protein 1, pseudogene                     | RBMS1P   | D82351   | 3.7 | 4.6  | 3.9 |
| 33479_g_at | transition protein 2 (during histone to protamine replacement)                           | TNP2     | X63759   | 1.4 | 1.2  | 3.9 |
| 36270_at   | CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)                                       | CD86     | U04343   | 4.9 | 13.2 | 3.9 |
| 37438_at   | KIAA0419 gene product  |          | AB007879 | 1.5 | 2.1  | 3.9 |
| 33835_at   | KIAA0721 protein   |          | AB018264 | 3.4 | 0.6  | 3.9 |
| 36298_at   | peripherin   | PRPH     | L14565   | 1.2 | 0    | 3.9 |
| 41595_at   | KIAA0947 protein   |          | AB023164 | 1.6 | 2.1  | 3.9 |
| 36821_at   |  |          | AL050367 | 0   | 0    | 3.9 |
| 36753_at   | leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4 | LILRB4   | AF072099 | 8.1 | 8.9  | 3.9 |
| 35799_at   | DnaJ (Hsp40) homolog, subfamily B, member 9  | DNAJB9   | AL080081 | 1.3 | 1.3  | 3.9 |
| 36754_at   | adenylate cyclase activating polypeptide 1 (pituitary)                                   | ADCYAP1  | X60435   | 0.4 | 0.3  | 3.9 |
| 36110_at   | RAB5A, member RAS oncogene family  | RAB5A    | M28215   | 2.4 | 3.6  | 3.9 |
| 36203_at   | ornithine decarboxylase 1  | ODC1     | X16277   | 1   | 0.3  | 3.9 |
| 37212_at   | Sp2 transcription factor   | SP2      | D28588   | 0.9 | 1.1  | 3.9 |
| 508_at     | suppressor of Ty (S.cerevisiae) 4 homolog 1  | SUP14H1  | U43923   | 0   | 0.3  | 3.9 |
| 37915_at   | bromodomain adjacent to zinc finger domain, 2B   | BAZ2B    | AL080173 | 8.9 | 3.4  | 3.9 |
| 61865_at   |  |          | AI423165 | 7.3 | 4    | 3.9 |
| 56434_at   |  |          | AA579598 | 0.3 | 0.8  | 3.9 |
| 90278_at   |  |          | AA709455 | 0.9 | 0.7  | 3.9 |
| 50842_at   |  |          | W92000   | 2.1 | 3.7  | 3.9 |
| 76533_at   |  |          | AI660684 | 2.6 | 0.9  | 3.9 |
| 58132_at   |  |          | AA807258 | 1.6 | 3.3  | 3.9 |
| 66742_at   |  |          | AI681652 | 1.1 | 0.5  | 3.9 |
| 77647_at   |  |          | AI131078 | 1.8 | 4    | 3.9 |
| 61771_at   |  |          | AA886300 | 3.2 | 0.3  | 3.9 |
| 50600_at   |  |          | AI425073 | 1.1 | 1.1  | 3.9 |
| 79240_at   |  |          | AI435163 | 3   | 0    | 3.9 |
| 61543_at   |  |          | AI184720 | 3.6 | 1.6  | 3.9 |
| 51343_r_at |  |          | R62551   | 2.9 | 1    | 3.9 |
| 52067_at   |  |          | AI220827 | 1.7 | 0.5  | 3.9 |

Figure 13FFFFF





|            |   |        |          |      |     |     |
|------------|---|--------|----------|------|-----|-----|
| 63911_at   | phosphoglycerate dehydrogenase  | PHGDH  | AI625116 | 2.8  | 3.5 | 3.9 |
| 45918_at   |   |        | N53560   | 4.5  | 1.6 | 3.9 |
| 51962_at   | hypothetical protein FLJ12484   |        | W45523   | 6.2  | 2.7 | 3.9 |
| 51058_at   |   |        | AA459463 | 1.8  | 3.3 | 3.9 |
| 60888_r_at |   |        | AI768349 | 0    | 2.9 | 3.9 |
| 46826_at   |   |        | N49233   | 2.1  | 1.4 | 3.9 |
| 46889_at   |   |        | N74444   | 5.9  | 1.4 | 3.9 |
| 51830_at   |   |        | AA557191 | 2.6  | 1   | 3.9 |
| 53573_f.at |   |        | AA573272 | 3.6  | 2.7 | 3.9 |
| 53578_at   |   |        | W70067   | 17.9 | 7.9 | 3.9 |
| 46192_at   |   |        | AI807693 | 1.7  | 0.8 | 3.9 |
| 55861_at   |   |        | AL041224 | 2    | 2   | 3.9 |
| 74813_at   | MAD (mothers against decapentaplegic, Drosophila) homolog 4                   | MADH4  | AW021681 | 2    | 2.3 | 3.9 |
| 91349_at   |   |        | AA860344 | 2.3  | 1.1 | 3.9 |
| 54427_at   |   |        | T64805   | 1.6  | 0.6 | 3.9 |
| 57335_g.at |   |        | AA416856 | 1.4  | 2.1 | 3.9 |
| 74710_s.at | epithelial membrane protein 3   | EMP3   | AW005790 | 3.3  | 2.4 | 3.9 |
| 79735_at   |   |        | AA037529 | 6.8  | 3.7 | 3.9 |
| 85802_at   |   |        | R79063   | 1.4  | 1.1 | 3.9 |
| 86858_r_at |   |        | AA515640 | 1.2  | 1.7 | 3.9 |
| 41733_at   | KIAA0220 protein  |        | AC003007 | 3.6  | 2   | 3.9 |
| 40854_at   | ubiquinol-cytochrome c reductase core protein II                              | UQCRC2 | J04973   | 3.1  | 1   | 3.9 |
| 41197_at   | RAD23 (S. cerevisiae) homolog A   | RAD23A | D21235   | 0.4  | 0   | 3.9 |
| 38956_at   | N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase            |        | AF052111 | 4.1  | 3.1 | 3.9 |
| 33899_at   | aldehyde dehydrogenase 9 (gamma-aminobutyraldehyde dehydrogenase, E3 isozyme) | ALDH9  | U34252   | 3.9  | 2.3 | 3.9 |
| 37376_at   | ORF   |        | M68864   | 2.5  | 2.4 | 3.9 |
| 39088_at   | seven transmembrane domain protein  |        | Y18007   | 3.7  | 1.5 | 3.9 |
| 63866_at   | cathepsin C   | CTSC   | AI246687 | 4    | 1.1 | 3.9 |
| 61126_at   |   |        | N22262   | 3.8  | 2.2 | 3.9 |
| 54662_at   | ribosomal protein S9  | RPS9   | AA194261 | 3.9  | 3.4 | 3.9 |
| 44646_r_at | eukaryotic translation initiation factor 2, subunit 3 (gamma, 52kD)           | EIF2S3 | N38902   | 3.7  | 3.4 | 3.9 |

Figure 13HHHHHH